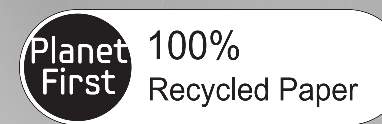


Refrigerator
user manual



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English

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www.samsung.com/register



Free Standing Appliance

SAFETY INFORMATION



- Before operating the appliance, please read this manual thoroughly and retain it for your reference.



- Because these following operating instructions cover various models, the characteristics of your refrigerator may differ slightly from those described in this manual.

CAUTION/WARNING SYMBOLS USED

	Indicates that a danger of death or serious injury exists.
	Indicates that a risk of personal injury or material damage exists.

OTHER SYMBOLS USED

	Represents something you must NOT do.
	Represents something you must NOT disassemble.
	Represents something you must NOT touch.
	Represents something you must follow.
	Indicates that you must disconnect the power plug from the socket.
	Represents a ground is needed to prevent electric shock.
	It is recommended that this symbol be handled by service man.

These warning signs are here to prevent injury to you and others.
Please follow them explicitly.
After reading this section, keep it in a safe place for future reference.

- This refrigerator must be properly installed and located in accordance with the manual before it is used.
- Use this appliance only for its intended purpose as described in this instruction manual.
- We strongly recommend that any servicing be performed by a qualified individual.
- R600a or R134a can be used as a refrigerant. Check the compressor label on the rear of the appliance and the rating label inside the fridge to see which refrigerant is used for the refrigerator.



- In case of R600a refrigerant, this gas is natural gas with high environmental compatibility that is, however, also combustible. When transporting and installing the appliance, care should be taken to ensure that no parts of the refrigerating circuit are damaged.
- Refrigerant squirting out of the pipes could ignite or cause an eye injury. If a leak is detected, avoid any naked flames or potential sources of ignition and air the room in which the appliance is standing for several minutes.



- In order to avoid the creation of a flammable gas-air mixture if a leak in the refrigerating circuit occurs, the size of the room in which the appliance may be sited depends on the amount of refrigerant used.
- Never start up an appliance showing any signs of damage. If in doubt, consult your dealer.
- The room must be 1m^3 in size for every 8g of R600a refrigerant inside the appliance.
- The amount of refrigerant in your particular appliance is shown on the identification plate inside the appliance.
- Please dispose of the packaging material for this product in an environmentally friendly manner.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.

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SEVERE WARNING SIGNS



- Do not install the refrigerator in a damp place or place where it may come in contact with water.
- Deteriorated insulation of electrical parts may cause an electric shock or fire.
- Do not place this refrigerator in direct sunlight or expose to the heat from stoves, room heaters or other appliance.
- Do not plug several appliances into the same multiple power board. The refrigerator should always be plugged into its own individual electrical which has a voltage rating that matched the rating plate.
- This provides the best performance and also prevents overloading house wiring circuits, which could cause a fire hazard from overheated wires.
- Make sure that the power plug is not squashed or damaged by the back of the refrigerator.
- Do not bend the power cord excessively or place heavy articles on it.
- This constitutes a fire hazard.
- Have the power cord repaired or replaced immediately by the manufacturer or its service agent if power cord has become frayed or damaged.
- Do not use a cord that shows cracks or abrasion damage along its length or at either end.
- If the power cord is damaged, have it replaced immediately by the manufacturer or its service agent.
- When moving the refrigerator, be careful not to roll over or damage the power cord.
- Do not insert the power plug with wet hands.
- Unplug the refrigerator before cleaning and making repairs.
- Do not use a wet or damp cloth when cleaning the plug.
- Remove any foreign matter or dust from the power plug pins.
- Otherwise there is a risk of fire.
- If the refrigerator is disconnected from the power supply, you should wait for at least ten minutes before plugging it back.
- If the wall socket is loose, do not insert the power plug.
- There is a risk of electric shock or fire.
- The appliance must be positioned so that the plug is accessible after installation.



- The refrigerator must be grounded.
- You must ground the refrigerator to prevent any power leakages or electric shocks caused by current leakage from the refrigerator.



- Never use gas pipes, telephone lines or other potential lightening rods as ground.
- Improper use of the ground plug can result in electric shock.
- Do not dissemble or repair the refrigerator by yourself.
- You run risk of causing a fire, malfunction and/or personal injury.
- If you smell pharmaceutical or smoke, pull out power plug immediately and contact your Samsung electronics service center.
- Keep ventilation opening in the appliance enclosure or mounting structure clear of obstruction.
- Do not use mechanical devices or any other means to accelerate the defrosting process, other than those recommended by the manufacturer.
- Do not damage the refrigerant circuit.
- Do not place or use electrical appliance inside the refrigerator/freezer, unless they are of a type recommended by the manufacturer.
- The appliance is not intended for use by children or infirm persons without supervision.
- Children should be supervised to ensure that they do not play with the appliance.
- Do not let children hang on the door. If not, a serious injury may occur.
- Do not touch the inside walls of the freezer or products stored in the freezer with wet hands.
- This may cause frostbite.
- If the refrigerator is not to be used for a long period of time, pull out the power plug.
- Deterioration in the insulation may cause fire.
- Do not store articles on the top of the appliance.
- When you open or close the door, the articles may fall and cause personal injury and/or material damage.

CAUTION SIGNS



- This product is intended only for the storage of food in a domestic environment.
- Manufacturer's recommended storage times should be adhered to. Refer to relevant instructions
- Bottle should be stored tightly together so that they do not fall out.
- Do not place carbonated or fizzy drinks in the freezer compartment
- Do not put bottles or glass containers in the freezer.
- When the contents freeze, the glass may break and cause personal injury.
- Do not spray inflammable gas near the refrigerator.
- There is a risk of explosion or fire.
- Do not directly spray water inside or outside the refrigerator.

- There is a risk of fire or electric shock.
- Do not store volatile or flammable substances in the refrigerator.
- The storage of benzene, thinner, alcohol, ether, LP gas and other such products may cause explosions.
- If you have a long vacation planned, you must empty the refrigerator and turn it off.
- Do not store pharmaceuticals products, scientific materials or temperature-sensitive products in the refrigerator.
- Products that require strict temperature controls must not be stored in the refrigerator.
- Do not put a container filled with water on the refrigerator.
- If spilled, there is a risk of fire or electric shock.

CAUTION SIGNS FOR CLEANING

- Never put fingers or other objects into the dispenser hole and ice chute.
- It may cause personal injury or material damage.
- Do not use a wet or damp cloth when cleaning the plug, remove any foreign material or dust from the power plug pins.
- Otherwise there is a risk of fire.
- If the refrigerator is disconnected from the power supply, you should wait for at least five minutes before plugging it back.

WARNING SIGNS FOR DISPOSAL

- When disposing of this or other refrigerator/s, remove the door/door seals, door latch so that small children or animals cannot become trapped inside.
- Leave the shelves in place so that children may not easily climb inside.
- R600a or R134a is used as a refrigerant. Check the compressor label on the rear of the appliance or the rating label inside the fridge to see which refrigerant is used for your refrigerator. When this product contains flammable gas(Refrigerant R600a) contact your local authority in regard to safe disposal of this product.
- Cyclopentane is used as a insulation blowing gas. The gases in insulation material require special disposal procedure. Please contact your local authorities in regard to the environmentally safe disposal of this product. Ensure that none of the pipes on the back of the appliances are damaged prior to disposal. The pipes shall be broke in the open space.



In the event of a power failure, call the local office of your Electricity Company and ask how long it is going to last.

Most power failures that are corrected in an hour or two will not affect your refrigerator temperatures. However, you should minimize the number of door openings while the power is off.

But should the power failure last more than 24hours, remove all frozen food.

For doors or lids fitted with locks and keys, the keys be kept out of the reach of children and not in the vicinity of the refrigerating appliance, in order to prevent children from being locked inside.

ADDITIONAL TIPS FOR PROPER USAGE



- Allow the appliance to stand for 2hours after installation.
- To get best performance of product,
- Do not place foods too closely in front of the vents at the rear of the appliance as it can obstruct free air circulation in the freezer compartment.
- Wrap the food up properly or place it in airtight containers before put it into the fridge freezer
- Do not put any newly introduced food for freezing near to already frozen food.
- Do not place carbonated or fizzy drinks in the freezer compartment
- Please observe maximum storage times and expiry dates of frozen goods.
- There is no need to disconnect the refrigerator from the power supply if you will be away for less than three weeks. But, remove all the food if you are going away for the three weeks or more. Unplug the refrigerator and clean it, rinse and dry.
- Most power failures that are corrected in an hour or two will not affect your refrigerator temperatures. However, you should minimize the number of door openings while the power is off. But should the power failure last more than 24hours, remove all frozen food.
- If the key is provided with refrigerator, the keys should be kept out of the reach of children and not in the vicinity of the appliance.
- The appliance might not operate consistently (possibility of defrosting of contents or temperature becoming too warm in the frozen food compartment) when sited for an extended period of time below the cold end of the range of temperatures for which the refrigerating appliance is designed.

- Do not store food which goes bad easily at low temperature, such as bananas, melons.
- Place the ice tray at the originally provided posistion by manufacturer in order to achieve optimal ice-freezing.
- Your appliance is frost free, which means there is no need to manually defrost your appliance, as this will be carried out automatically.
- Temperature rising during the defrost can comply with ISO requirement. But If you want to prevent an undue rise in the temperature of the frozen food while defrosting the appliance, please wrap the frozen food in several layers of paper such as newspaper.
- Any increase in temperature of frozen food during defrosting can shorten its storage life.

contents

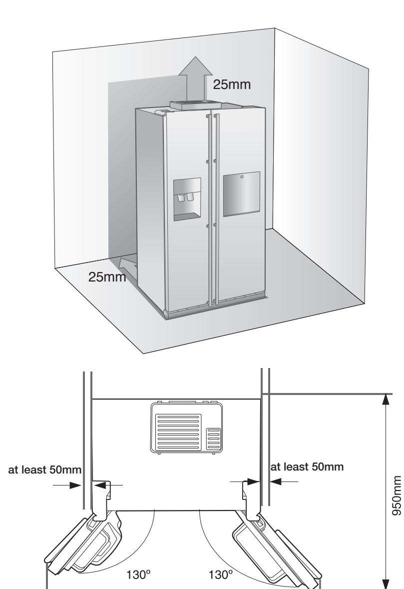
setting up your side-by-side refrigerator

GETTING READY TO INSTALL THE REFRIGERATOR

Congratulations on the purchase of your Samsung Side-By-Side Refrigerator. We hope you will enjoy the many state-of-the-art features and efficiencies that this new appliance has to offer.

Selecting the best location for the refrigerator

- Select a location with easy access to the water supply.
- Select a location without direct exposure to sunlight.
- Select a location with level (or nearly level) flooring.
- Select a location with enough space for the refrigerator doors to open easily.
- Overall space required in use. Refer to drawing and dimension as below.
- Please ensure that appliance can be moved freely in the event of maintenance & service.



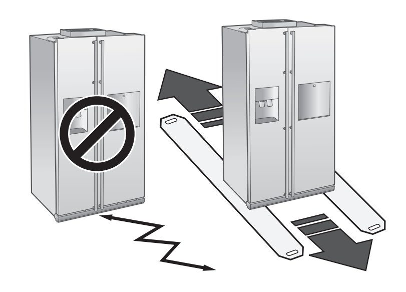


- Allow clearance to the right, left, back and top when installing. This will help reduce power consumption and keep your energy bills lower.

- Do not install the refrigerator where the temperature will go below 50°F (10°C).
- Make sure you disconnect the water supply line BEFORE removing the freezer door.
  See the next section on “Separating the Water Line” to avoid damage.



When installing, servicing or cleaning behind the refrigerator, be sure to pull the unit straight out and push back in straight after finishing.



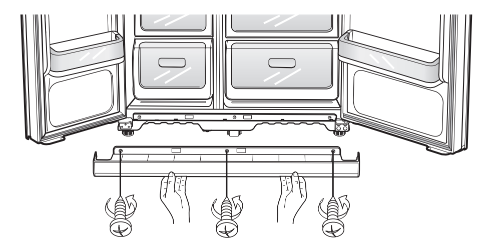
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REMOVING THE REFRIGERATOR DOORS

If your entrance won't allow the refrigerator to pass easily through it, you can remove the doors.

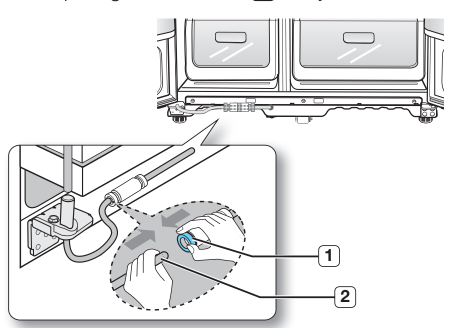
1. Removing the Front Leg Cover

First, open both the freezer and refrigerator doors, and then take off the front leg cover by turning the three screws counter-clockwise.



Separating the Water Supply Line from the Refrigerator

1. Remove the water line by pressing the coupler 1 and pulling the water line 2 away.



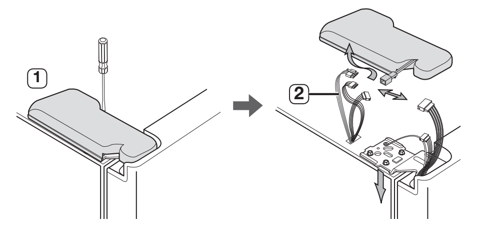
Do not cut the water line. Gently separate it from the coupler.

2. Removing the freezer door

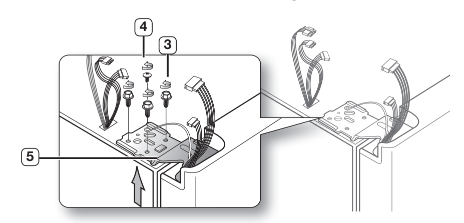
A few things to mention first.

- Make sure that you lift the door straight up so the hinges are not bent or broken.
- Be careful not to pinch the water tubing and wire harness on the door.
- Place doors on a protected surface to prevent scratching or damage.

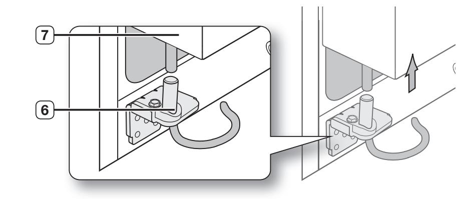
1. With the Freezer door closed, remove the upper hinge cover 1 using a screwdriver, and then disconnect the wires by gently pulling them apart 2 .



2. Remove hinge screws 3 and the ground screw 4 by turning counter-clockwise, and take off the upper hinge 5. Be careful that the door does not fall on you as you are removing it

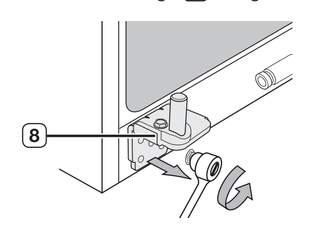


3. Next, remove the door from the lower hinge 6 by carefully lifting the door straight up 7 .



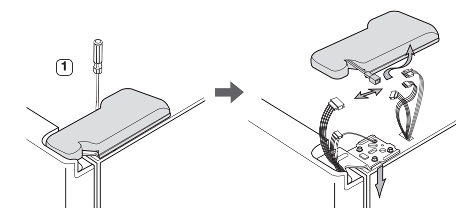
Be careful not to pinch the water tubing and wire harness on the door.

4. Remove the lower hinge 8 using a hex wrench.

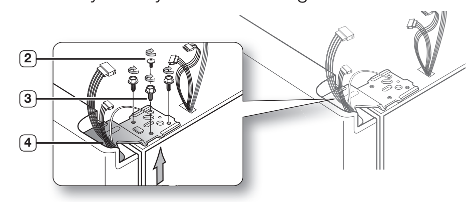


Removing the Fridge Door

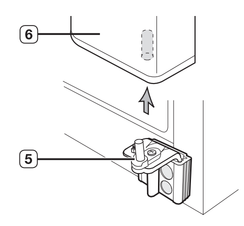
1. With the door closed, remove the upper hinge cover [1] using a screwdriver.



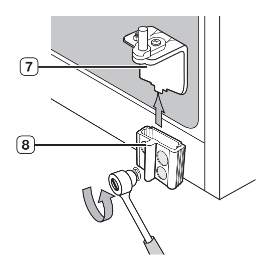
2. Remove hinge screws [2] and the ground screw [3] by turning counter-clockwise, and take off the upper hinge [4]. Be careful that the door does not fall on you as you are removing it



3. Remove the door from the lower hinge [5] by lifting the door straight up [6].



4. Remove the lower hinge [7] from the bracket [8] by gently lifting the lower hinge upwards.

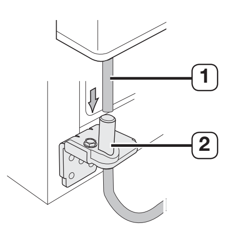


REATTACHING THE REFRIGERATOR DOORS

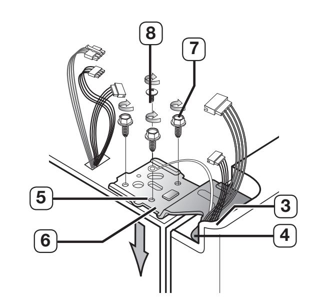
Once you have safely placed your refrigerator where you plan for it to stay, it is time to put the doors back on.

Reattaching the Freezer Door

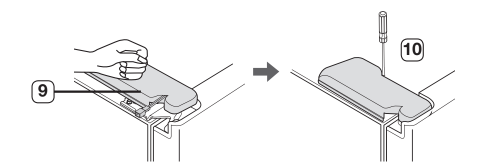
1. Replace the freezer door by inserting the water line [1] back into the lower corner of the door and then into the hole on the lower hinge [2].
   Gently pull the water line back down so that it runs straight, with no kinks or bends.



2. Insert the upper hinge shaft [3] into the hole on the corner of the freezer door [4].
   Make sure the hinge is level between the upper hinge hole [5] and the hole of the cabinet [6] and reattach the hinge screws [7] and ground screw [8] by turning in a clockwise direction.
   Reconnect the wires.

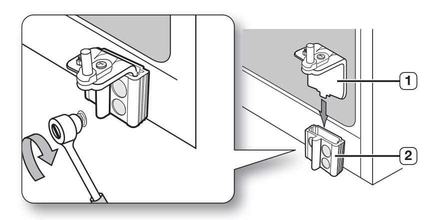


3. Place the front part of the upper hinge cover [9] on the front of the upper hinge [10] and reattach with the screw.

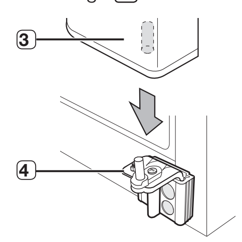


Reattaching the Fridge Door

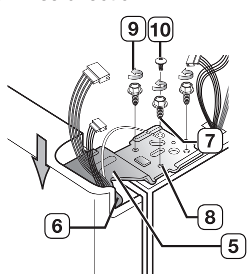
1. Insert the lower hinge 1 back into the lower hinge bracket 2 .



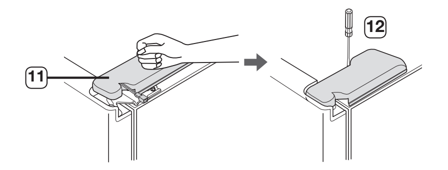
2. Fit the hole in the corner of the fridge door 3 over the lower hinge 4.



3. Insert the upper hinge shaft 5 into the hole on the hinge 6. Make sure the hinge is level between the upper hinge hole 7 and the hole on the top of the cabinet 8 . Then, reattach hinge screws 9 and the ground screw 10 by turning it in a clock wise direction.

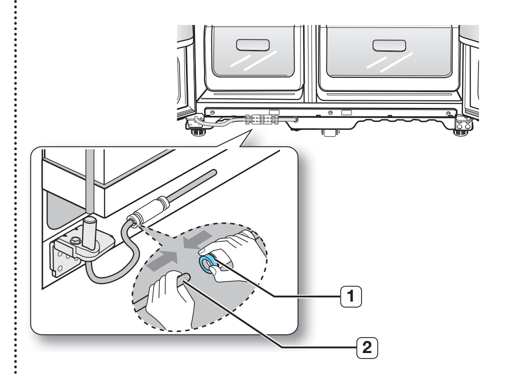


4. Place the front part of the upper hinge cover 11 on the front of the upper hinge 12 and reattach it with the screw.

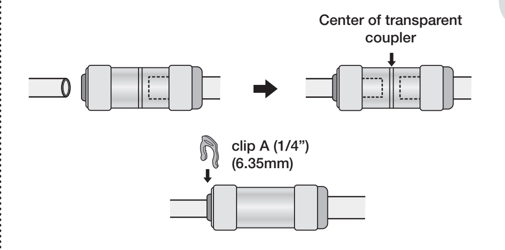


Reattaching the Water Supply Line

1. Insert the water line 2 into the coupler 1.



2. The Water Line must be fully Inserted to the center of transparent coupler to prevent water leakage from the dispenser.
3. Insert the clip in the install pack and check that it holds the line firmly.



Reattaching the Front Leg Cover



Before attaching the cover, check water connector for leakage.
Replace the front leg cover by turning the three screws clockwise, as shown in the figure.

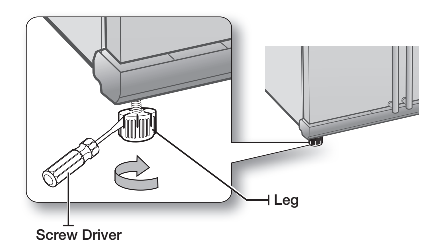
LEVELLING THE REFRIGERATOR

Now that the doors are back on the refrigerator, you will want to make sure the refrigerator is level so you can then make final adjustments. If the refrigerator is not level, it will not be possible to get the doors perfectly even.


The front of the refrigerator is also adjustable.

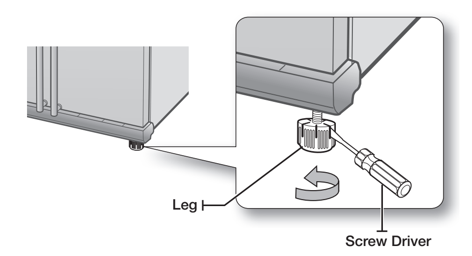
When the Freezer door is lower than the fridge

Insert a flat-blade screwdriver into a notch on the Leg, turn it clockwise or counter clockwise to level the freezer.



When the Freezer door is lower than the fridge

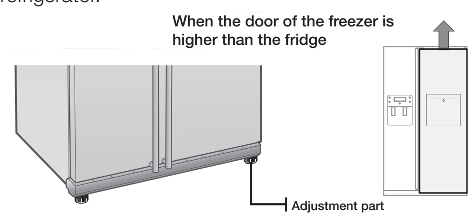
Insert a flat-blade screwdriver into a notch on the Leg, turn it clockwise or counter clockwise to level the fridge.




Refer to the next section for the best way to make very minor adjustments to the doors.

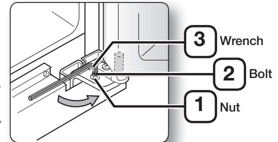
MAKING MINOR ADJUSTMENTS TO THE DOORS

Remember, a level refrigerator is necessary for getting the doors perfectly even. If you need help, review the previous section on levelling the refrigerator.



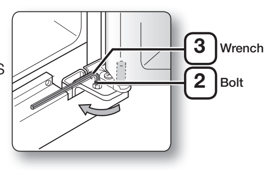
In the process for adjusting both the doors is the same. Open the doors and adjust them, one at a time, as follows:

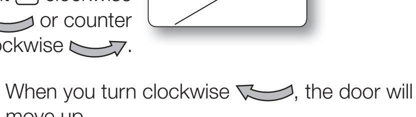
1. Unscrew the nut 1 from the lower hinge until it reaches the upper end of the bolt 2.



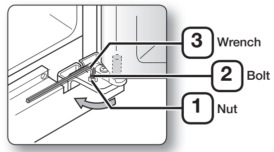

When you release the nut 1, make sure that you use the Allen wrench provided 3 to loosen the bolt 2 in a counter-clockwise direction.
You should then be able to unscrew the nut 1 with your fingers.

2. Adjust the height difference between the doors by turning the bolt 2 clockwise or counter clockwise.




When you turn clockwise, the door will move up.

3. After adjusting the doors, turn the nut 1 clockwise until it reaches the lower end of the bolt, then tighten the bolt again with the wrench 3 to fix the nut in place 1.



If you do not secure the nut firmly, the bolt may release.

CHECKING THE WATER DISPENSER LINE (OPTIONAL)

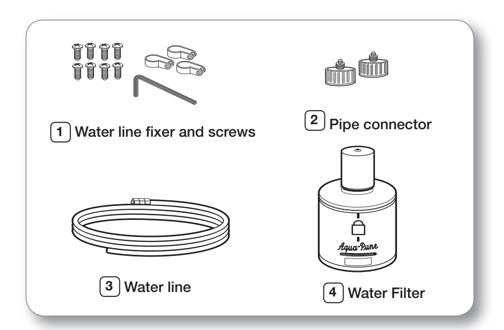
A water dispenser is just one of the helpful features on your new Samsung refrigerator. To help promote better health, the Samsung water filter removes unwanted particles from your water. However, it does not sterilize or destroy microorganisms. You will need to purchase a water purifying system to do that. In order for the icemaker to operate properly, water pressure of 138 ~862 Kpa is required. Under normal conditions, a 170 cc paper cup can be filled in 10 seconds. If the refrigerator is installed in an area with low water pressure (below 138 Kpa), you can install a booster pump to compensate for the low pressure. Make sure the water storage tank inside the refrigerator is properly filled. To do this, press the water dispenser lever until the water runs from the water outlet.


Water Line installation Kits are included. You can find it in one of the freezer drawers.

INSTALLING THE WATER DISPENSER LINE

For Interior model

Parts for water line Installation



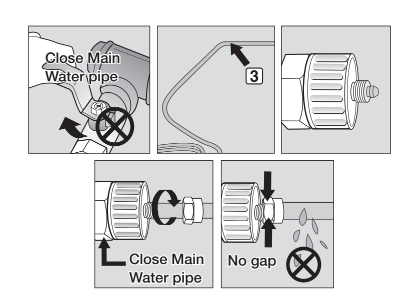
Connecting to the water supply line

1. First, shut off the main water supply line.
2. Locate the nearest cold, drinking water line.
3. Follow the water line installation instructions in the installation kit.

CAUTION

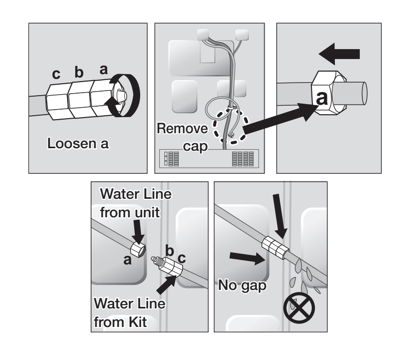
The water line must be connected to the cold water pipe. If it is connected to the hot water pipe, it may cause the purifier to malfunction.

4. After connecting the water supply to the water filter, turn your main water supply back on and dispense about 1l to clear and prime the water filter.



Connecting the water line to the refrigerator

1. Remove the dust cap from the water line on the rear of the unit and fit a compression nut from the install kit.
2. Remove the water pipe from the install kit and fit a compression nut to one end.
3. Join the two pipes together using the compression joint from the install kit ensuring that the joint is water tight.
4. Join the other end of the install pipe to the main water supply and turn on the water to check for leaks.

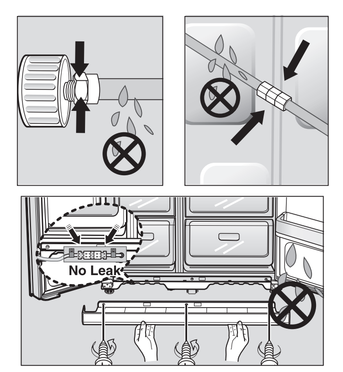


Only connect the water line to a drinkable water source. If you have to repair or disassemble the water line, cut off 6.5mm of the plastic tubing to make sure you get a snug, leak-free connection.


CAUTION Before being used, the leakage in these places should be examined

01 SETTING UP

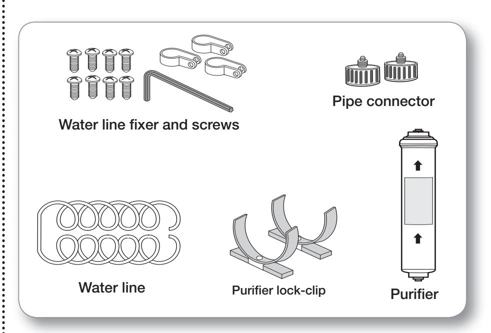
- Samsung Warranty does not cover WATER LINE INSTALLATION.
- The cost of connection to a water supply is at the customer expense, unless included in the delivery charge (refer to the delivery agreement with the seller)
- Please contact Plumber or Authorised Installer for the installation if needed.
- If Water leakage occurs due to improper installation, Please contact installer.



INSTALLING THE WATER DISPENSER LINE

For Exterior model

Parts for water line Installation



Connecting to the water supply line

Connect the water pipe with coupler and tap.

1. Close the main water tap.
2. Connect coupler “A” to the tap.

CAUTION

The water line must be connected to the cold water pipe. If it is connected to the hot water pipe, it may cause the purifier to malfunction.

WARRANTY INFORMATION

This water line installation is not covered by the refrigerator or ice maker manufacturer’s warranty.

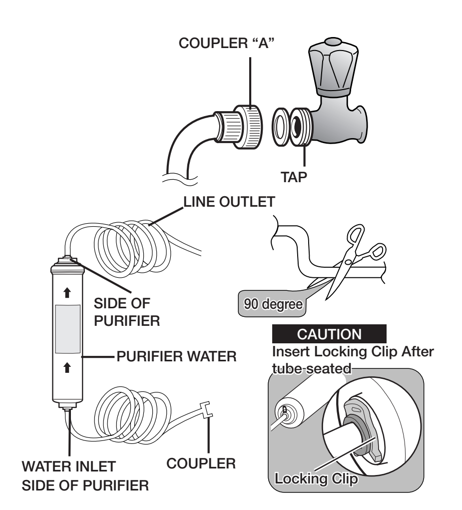
Follow these instructions carefully to minimise the risk of expensive water damage.

Note:

If the coupler does not fit on the current tap, go the nearest authorised service dealer and purchase the right couplers fittings.

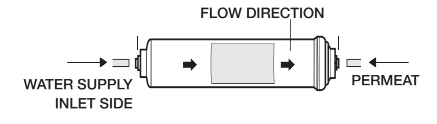
Select the location where the purifier is to install. (Model with the purifier)

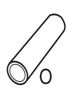
- If you wish to reassemble the water inlet and outlet sides of the purifier during purifier installation, see the reference illustration.
- Cut the water line attached to the purifier to the appropriate place after measuring the distance between the purifier and the cold water tap.

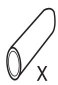


Replacement Instructions

1. Shut off water supply.
2. Note the Flow direction on the filter.
3. Insert water supply tube into the inlet side of the filter until the tube stop.

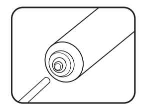
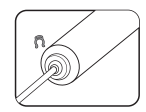
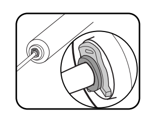






Note : You must also ensure that the cut is square and not at any sort of angle as this could cause a leak

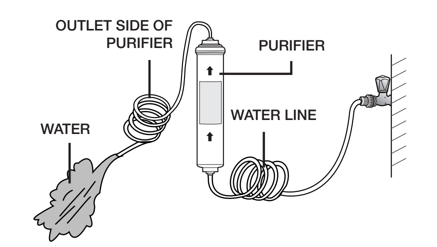
4. After inserting tube, put together the clip strongly. The Clip fix the tube.

5. Turn on the water and check for leaks. If leaks occur, repeat step 1,2,3,4. If leaks persist, discontinue use and call your supporting dealer.
6. Flush filter for 5 minutes before use.

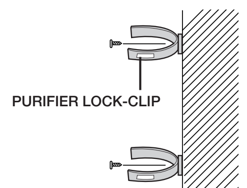
Remove any residual matter inside the purifier. (Model with the purifier)

- Open the main water tap to check whether water is running through the water tube on the water inlet side of the purifier.
- If water does not come out through the line, check whether the tap is open.
- Leave the tap open until clean water is running out and any residual matter that built up during manufacturing has been removed.



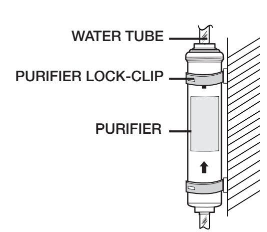
Attach the purifier lock-clip.

- Hold the purifier lock-clip in the appropriate position (under the sink for example) and fix it tightly into place where to screw.



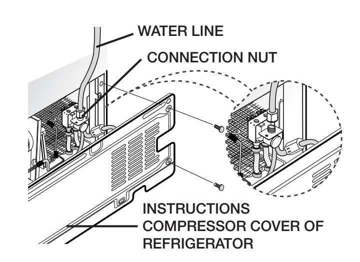
Secure the purifier in position.

- Fix the purifier in position, as shown in the figure on the right.



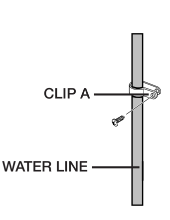
Connect the water line to the refrigerator.

- Remove the compressor cover of the refrigerator.
- Connect the water line to the valve, as shown in the figure.
- When connected, check if there is any leakage. If any, repeat the connection.
- Reattach the compressor cover of the refrigerator.



Secure the water line.

- Using clip "A", fix the water line to the wall (the back of refrigerator).
- When the water line is secure, make sure whether the water line is not excessively bent, pinched or squashed.



Removing any residual matter inside the water supply line after installing filter.

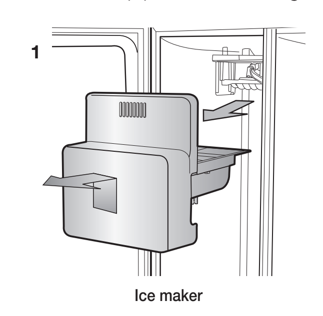
1. Turn ON the main water supply & turn OFF the valve to the water supply line.
2. Run water through the dispenser until the water runs clear (approx. 1L). This will clean the water supply system and remove air from the lines.
3. Additional flushing may be required in some households.
4. Open the refrigerator door and make sure there are no water leaks coming from the water filter.



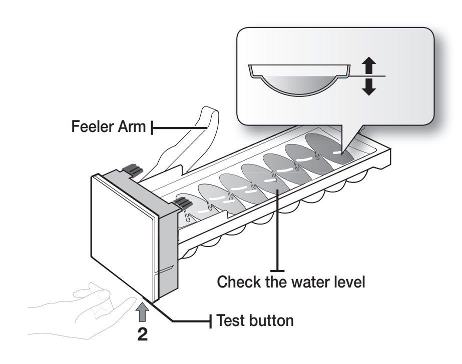
A newly installed water filter cartridge may cause water to briefly spurt from the water dispenser. This is due to air getting into the line. It should pose no problem to operation.

Check the amount of water supplied to the ice tray.

1. Lift up the icemaker cover and gently pull out.
2. When you press the Test button for 3 seconds, the ice cube container is filled with water from the water supply tap. Check to make sure the amount of water is correct (see the illustration below).
   If the water level is too low, the ice cubes will be small. This is a water pressure problem from with in the main water pipes, not the refrigerator.

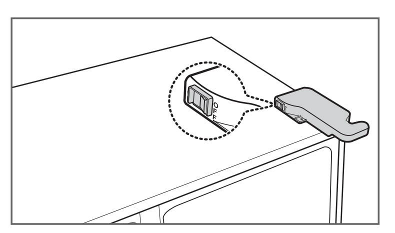


Ice maker



Using the anti-sweat heater switch

When the humidity of the indoor is high, sweat may form around the beverage station & dispenser. Turn the Anti-sweat heater switch on, to remove the sweat and turn the switch off when the sweat disappears.

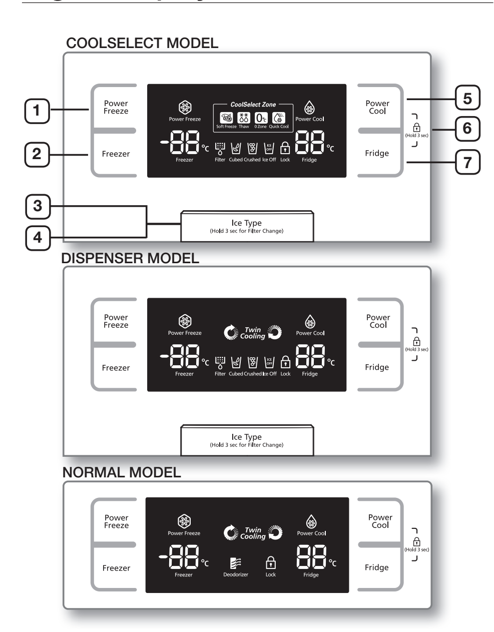


RS21/23H** (OPTIONAL)

operating the SAMSUNG side-by-side refrigerator

OPERATING THE REFRIGERATOR

Using the Control Panel / Digital Display



When not in use the temperature display will turn off, this is normal.

1 **POWER FREEZE BUTTON**	Speeds up the time needed to freeze products in the freezer. This can be helpful if you need to quickly freeze items that spoil easily or if the temperature in the freezer has warmed dramatically (For example, if the door was left open).
2 **FREEZER BUTTON**	Press the **Freezer** button to set the freezer to your desired temperature, You can set the temperature between -14°C (8°F) and -25ºC (-14°F).
3 **ICE TYPE BUTTON**	Use this button to choose Cubed, Crushed or to turn the Ice feature off.
4 **FILTER CHANGE BUTTON**	When you change the filter, press this button for 3 seconds to reset the filter schedule.
5 **POWER COOL BUTTON**	Press this button to quickly return the refrigerator to the set temperature. Press this button again to cancel the Power Cool mode.
6 **CHILD LOCK FUNCTION**	By pressing the Power Cool button and the Fridge button simultaneously for 3 seconds, all buttons will be locked. The Water dispenser lever and the Ice lever will not work either. To cancel this function, Press these two buttons for 3 seconds again.
7 **FRIDGE BUTTON**	Press the **Fridge** button to set the fridge to your desired temperature. You can set temperature between 1°C and 7°C (34°F and 45°F).



When you use Power Freeze the energy consumption of the refrigerator will increase.

Remember to turn it off when you don't need it and return the freezer to your original temperature setting.

If you need to freeze large amount of food stuff, activate Power Freeze function at least 24 hours before.

CONTROLLING THE TEMPERATURE

CONTROLLING THE FREEZER TEMPERATURE

The freezer temperature can be set between -14°C (8°F) and -25ºC (-14°F) to suit your particular needs. Press the Freezer button repeatedly until the desired temperature is shown in the temperature display. Keep in mind that foods like ice cream may melt at -16ºC (4°F).

The temperature display will move sequentially from -14°C (8°F) and -25ºC (-14°F). When the display reaches -14ºC (8°F), it will begin again at -25ºC (-14°F).

Five seconds after the new temperature is set the display will again show the actual current freezer temperature. However, this number will change as the Freezer adjusts to the new temperature.

CONTROLLING THE FRIDGE TEMPERATURE

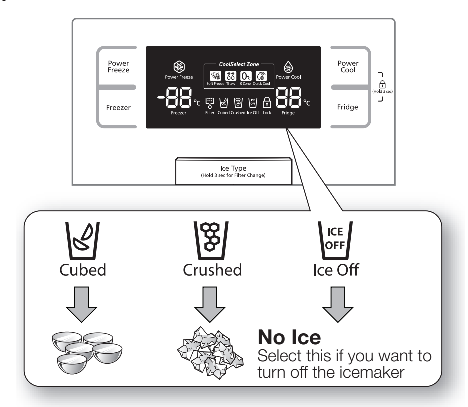
The refrigerator temperature can be set between 7ºC (46°F) and 1ºC (34°F) to suit your particular needs. Press the Fridge button repeatedly until the desired temperature is shown in the temperature display. The temperature control process for the Fridge works just like the Freezer process. Press the Fridge button to set your desired temperature. After a few seconds, the Fridge will begin tracking towards the newly set temperature. This will be reflected in the digital display.



The temperature of the freezer or the refrigerator may rise from opening the doors too frequently, or if a large amount of warm or hot food is placed in either side. This may cause the digital display to blink. Once the freezer and refrigerator return to their normal set temperatures the blinking will stop. If the blinking continues, you may need to “reset” the refrigerator. Try unplugging the appliance, wait about 10 minutes and then plug back in.

USING THE ICE AND COLD WATER DISPENSER

Press the Ice Type button to select the type of ice you want





Ice is made in cubes. When you select “Crushed”, the icemaker grinds the ice cubes into crushed ice.

Dispensing ice

Place your glass underneath the ice outlet and push gently against the ice dispenser lever with your glass. Make sure the glass is in line with the dispenser to prevent the ice from bouncing out.

Using the Water Dispenser

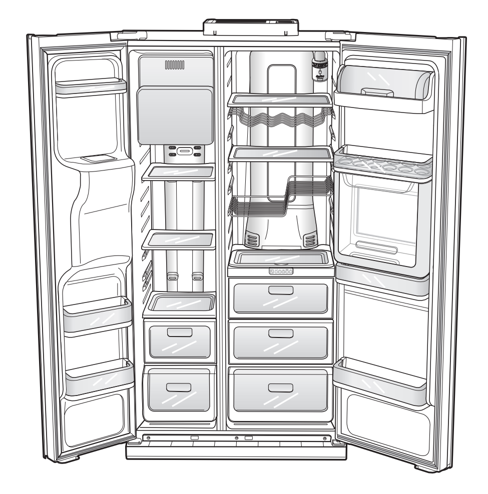
Place a glass underneath the water outlet and push gently against the water dispenser lever with your glass. Make sure the glass is in line with the dispenser to prevent the water from splashing out.



- Do not put your fingers, hands or any other unsuitable objects in the chute or ice-maker bucket.
- It may result in personal injury or material damage.
- Never put finger or any other objects in the dispenser opening.
- It may cause injury.
- Use only the ice maker provided with the refrigerator.
- The water supply to this refrigerator must only be installed/connected by a suitably qualified person and connect to a potable water supply only.
- In order to operate the ice maker properly, water pressure of 138 ~ 862 Kpa is required.



- If you have a long vacation or business trip and won’t use water or ice dispensers, close the water valve.
- Otherwise, water leakage may occur.
- Wipe excess moisture from the inside and leave the doors open.
- Otherwise, odor and mold may develop.





To get more space,you can remove top freezer drawer since it does not affect thermal and mechanical characteristics. A declared storage volume of frozen food storage compartment is calculated with this drawer removed.

USING THE COOLSELECT ZONE™ DRAWER (OPTIONAL)

Quick Cool 

- You can use the Quick Cool feature with the CoolSelect Zone™.
- “Quick Cool” allows 1~3 canned beverages to cool within 60 min.
- To cancel this function, press the “Quick Cool” button again. CoolSelect Zone™ returns to the previous temperature.
- When “Quick Cool” ends, it returns to the “Cool” temperature setting.

Thaw 

- Drips loss and quality deterioration of meats reduces the freshness of foods.
- After “Thaw” is selected, warm and cold air is alternately supplied into the CoolSelect Zone™ Drawer.
- Depending on the weight of meat, thawing time can be selected for 4 hrs, 6 hrs, 10 hrs, and 12 hrs sequentially.
- When “Thaw” ends, CoolSelect Zone™ display returns to “Zero Zone” condition.
- When “Thaw “ ends, there are no juice in the meats and they are half-freezed condition so it is easy to cut them for cooking.
- To cancel this option, press any button except “Thaw”.
- The approximate thawing time of meat and fish are shown below. (Based on 1inch thickness)

THAW TIME	WEIGHT
4 hours	363g (0.8lb)
6 hours	590g (1.3lb)
10 hours	771g (1.7lb)
12 hours	1000g (2.2lb)



Depending on the size and thickness of meat and fish, the thawing time may vary.
The above weight represents the total weight of food in the CoolSelect Zone™ Drawer.
Ex) The total thawing time for 400g frozen beef and 600g frozen chicken will be 10 hours.

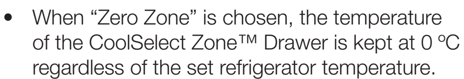


With the “Thaw” option, food which is not needed to thaw in the CoolSelect Zone™ Drawer should be removed.

Soft Freeze

- When “Soft Freeze” is chosen, the temperature on the digtal panel displays -5ºC regardless of the set temperature of the refrigerator.
- “Soft-Freeze” temperature helps keep meats and fishes fresh longer.
- Can cut meat easily without drips.

Zero Zone (0ºC)



- When “Zero Zone” is chosen, the temperature of the CoolSelect Zone™ Drawer is kept at 0 ºC regardless of the set refrigerator temperature.
- “Zero Zone” temperature helps keep meat or fish fresh longer.

Cool

- When “Cool” is chosen, the temperature will be the same as the set temperature of the refrigerator. The digital panel shows the same temperature as that of the display panel.
- The CoolSelect Zone™ Drawer allows extra refrigerator space.



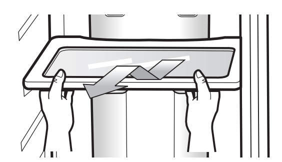
Depending on the beverages, the cool-down time may vary.

WARNING For “Quick Cool” option, food stored in the CoolSelect Zone™ Drawer should be removed.

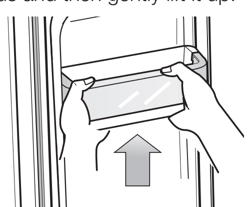
REMOVING THE FREEZER ACCESSORIES

Cleaning and rearranging the interior of the freezer is simple.

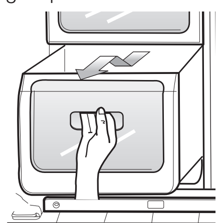
1. Remove the Glass shelf by pulling the shelf out as far as it will go. Then, gently lift it up and remove it.



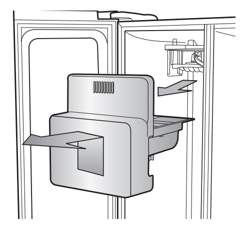
2. Remove the door bin by holding the door bin with both hands and then gently lift it up.



3. Remove the Plastic drawer by pulling it out and slightly lifting it up.



4. Remove the Icemaker bucket by lifting up and pulling it out.



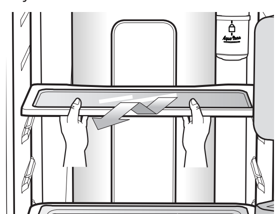


Do not use excessive force when removing the cover.

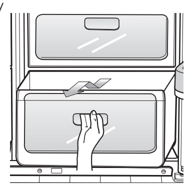
Otherwise, the cover may break and cause injury.

REMOVING THE FRIDGE ACCESSORIES

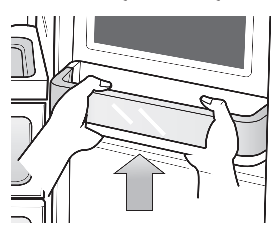
1. Remove the spill Proof Glass Shelf by pulling the shelf out as far as it will go. Then, gently lift it up and gently remove it.



2. Remove the Vegetable & Fruit Drawer by pressing on the indentations found on the inside left and right sides of the Veggie Box/ Dry Box cover and remove by pulling forward.
Holding the drawer with one hand, lift it up a little bit while pulling it forward and take it out of the refrigerator.

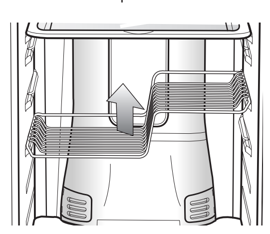


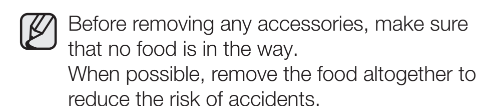
3. Remove the Gallon Door Bin by holding the bin with both hands and gently lifting it up.



4. The Z Shelf is attached to the cabinet wall. Remove the wine shelf by sliding it up and gently lifting the shelf out of the tabs.

CAUTION Ensure that the Z Shelf is fitted as shown in the diagram and not upside down.





Before removing any accessories, make sure that no food is in the way.
When possible, remove the food altogether to reduce the risk of accidents.



To get the best energy efficiency of this product, please leave all selves, drawers and baskets on their original position like as illustration in page (17).

CLEANING THE REFRIGERATOR



WARNING Do not use Benzene, Thinner or Clorox™ for cleaning.
They may damage the surface of the appliance and can create a risk of fire.



CAUTION Do not spray the refrigerator with water while it is plugged in, as it may cause an electric shock. Do not clean the refrigerator with benzene, thinner or car detergent for risk of fire.

REPLACING THE INTERIOR LIGHT



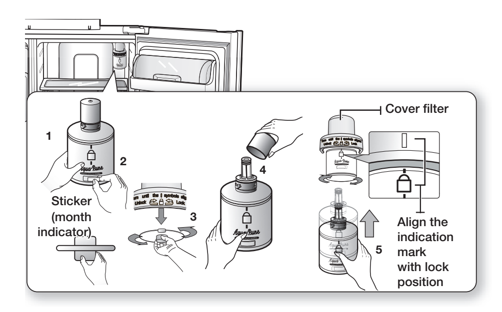
For LED lamp, please contact service engineer to replace it.

CHANGING THE WATER FILTER

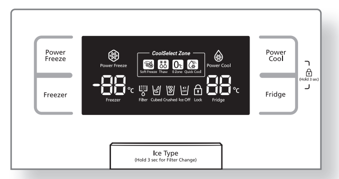
 To reduce risk of water damage to your property DO NOT use generic brands of water filers in your SAMSUNG Refrigerator. USE ONLY SAMSUNG BRAND WATER FILTERS. SAMSUNG will not be legally responsible for any damage, including, but not limited to property damage caused by water leakage from use of a generic water filter. SAMSUNG Refrigerators are designed to work ONLY WITH SAMSUNG Water Filter.

The "Filter Indicator" light lets you know when it is time to change your water filter cartridge.
When the filter indicator light changes to red, it is time to change the filter.
To give you some time to get a new filter, the light will come on up just before the capacity of the current filter runs out.
Changing the filter on time provides you with the freshest, cleanest water from your fridge.

1. Remove the water filter from the box and put a month indicator sticker on the filter as shown.
2. Place a sticker on the filter that dates six months in the future. For example, if you are replacing the water filter in March, put the "SEP" (September) sticker on the filter to remind you to replace in September. Normally filter life is about every 6 months.
3. Next, remove the fixed cap by turning it counter clockwise.
4. Remove the new filter's protective cap and remove the old filter.
5. Position and insert the new filter into the filter housing.
   Slowly turn the water filter clockwise 90º to align with the indication mark on the cover, locking the filter in position. Make sure that the indicator is lined up with the "lock" position. Do not over tighten.



6. Once you have completed this process, hold the Ice Type button for 3 seconds to reset the filter schedule.
7. Lastly, Dispense 1L of water through water dispenser and throw away. Make sure that water flows clearly again before drinking.



 A newly installed water filter cartridge may cause water to briefly spurt from the water dispenser. This is due to air getting into the line. It should pose no problem to operation.

Ordering replacement filters

To order more water filter cartridges, contact your authorised Samsung dealer.

USING THE DOORS

The refrigerator doors are equipped with a door opening and closing feature that ensures that the doors close all the way and are securely sealed.

After opening beyond a certain point, the door will "catch" and remain open. When the door is ajar ahead of the catch that allows it to stay open, it will close automatically.

troubleshooting

PROBLEM	SOLUTION
The refrigerator does not work at all or it does not chill sufficiently.	• Check that the power plug is properly connected. • Is the temperature control on the display panel set to the correct temperature? Try setting it to a lower temperature. • Is the refrigerator in direct sunlight or located too near a heat source? • Is the back of the refrigerator too close to the wall and therefore keeping air from circulating?
The food in the fridge is frozen.	• Is the temperature control on the display panel set to the correct temperature? Try setting it to a warmer temperature. • Is the temperature in the room very low? • Did you store the food with a high water content in the coldest part of the fridge? Try moving those items into the body of the fridge instead of keeping them in the CoolSelect Zone™ drawer.
You hear unusual noises or sounds.	• Check that the refrigerator is level and stable. • Is the back of the refrigerator too close to the wall and therefore keeping air from circulating? • Was anything dropped behind or under the refrigerator? • A “ticking” sound is heard from inside the refrigerator. This is normal and occurs because various accessories are contracting or expanding in relation to the temperature of the refrigerator interior.
The front corners and sides of the appliance are hot and condensation is occurring.	• Some heat is normal as anti-condensators are installed in the front corners of the refrigerator to prevent condensation. • Is the refrigerator door ajar? Condensation can occur when you leave the door open for a long time.
Ice is not dispensing.	• Did you wait for 12 hours after installation of the water supply line before making ice? • Is the water line connected and the shut-off valve open? • Did you manually stop the ice making function? Make sure Ice Type is set to Cubed or Crushed. • Is there any ice blocked within the ice storage unit? • Is the freezer tAemperature too warm? Try setting the freezer temperature lower.
You can hear water bubbling in the refrigerator.	• This is normal. The bubbling comes from the refrigerant coolant liquid circulating through the refrigerator.
There is a bad smell in the refrigerator.	• Has a food item spoiled? • Make sure that strong smelling food (for example, fish) is wrapped so that it is airtight. • Clean out your freezer periodically and throw away any spoiled or suspect food.
Frost forms on the walls of the freezer.	• Is the air vent blocked? Remove any obstructions so air can circulate freely. • Allow sufficient space between the foods stored for efficient air circulation. • Is the freezer door closed properly?
Water dispenser is not functioning.	• Is the water line connected and the shut-off valve open? • Has the water supply line tubing been crushed or kinked? Make sure the tubing is free and clear of any obstruction. • Is the water tank frozen because the refrigerator temperature is too low? Try selecting a warmer setting on the main display panel.

memo

memo

Ambient Room Temperature Limits

This refrigerator is designed to operate in ambient temperatures specified by its temperature class marked on the rating plate.

Class	Symbol	Ambient Temperature range(°C)
Extended Temperate	SN	+10 to +32
Temperate	N	+16 to +32
Subtropical	ST	+16 to +38
Tropical	T	+16 to +43



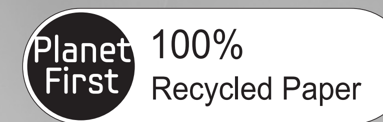
Internal temperatures may be affected by such factors as the location of the fridge/freezer, ambient temperature and the frequency with which you open the door. Adjust the temperature as required to compensate for these factors.





電冰箱

使用者說明書



本手冊採用 100% 再生紙印製。

中文

想像 無限可能

感謝您購買三星產品。
如要收到較完整服務, 請上網註冊您的產品

http://www.samsung.com/register



落地式

安全資料

安全資料



- 在操作本家電前，請詳細閱讀本手冊，並妥善儲存，以供日後參考。



- 由於以下的操作指示適用於多個型號，你所選購的電冰箱特點可能及本手冊的內容有少許不同。

使用的注意/警告符號

	指會造成死亡或重傷的危險。
⚠ 注意	指會導致人身損傷或物品損壞的危險。

其他使用的符號

	代表你不可以進行的事。
	代表你不可以拆開的部分。
	代表你不可以接觸的部分。
	代表你必須遵守的事。
	指你必須拔除電源插頭。
	代表需要接駁地線以預防觸電。
	謹建議本符號由維修人員處理。

這些警告符號旨在預防你或他人受傷。
請嚴格遵從。
閱讀本節後，請將手冊放在安全的地方，以供日後參考。

- 使用本電冰箱前必須依照本手冊妥善安裝及擺放。
- 使用本家電的目的必須與本說明手冊內說明的用途一致。
- 我們強烈建議由合資格的維修人員進行任何維修。
- 我們使用R600a或R134a為雪種。請查看本家電後方的壓縮機標簽及冷藏室內的等級標簽，了解該電冰箱使用的雪種。



- 若使用的是R600a雪種，此氣體是天然氣，環境相容性很高，不過仍屬易燃氣體。在搬運及安裝本家電時，請小心確保電冰箱電路的所有零件完整無損。
- 喉管噴出的雪種可燃燒或使眼睛受傷。如發現漏氣，應避免任何明火或火源，並讓放置本家電的房間保持空氣流通數分鐘。



- 如出現氣體外洩的情況，為了避免易燃氣體與空氣混合，放置本家電的房間大小應按照雪種的用量決定。
- 切勿在本家電出現損壞跡象時啟動本家電。如有任何疑問，應諮詢你的經銷商。
- 本家電每使用8克R600a雪種，房間大小就必須增加一立方公尺。
- 你的個別家電的雪種用量列於家電機身內的識別板上。
- 請以符合環保的方式棄置本產品的包裝物料。

嚴重警告符號

警告

- 切勿在潮濕或可能與水接觸的地方安裝電冰箱。

- 電子零件的絕緣體在老化後可能會造成觸電或火災。

- 切勿讓電冰箱直接被日曬，或接近火爐、暖爐或其他家電的發熱來源。
- 切勿把多件家電插在同一個拖板上。電冰箱只應使用配合電壓等級板上顯示的電壓讀數的獨立插座。

- 這樣做可帶來最佳效能，也能預防家用電路負荷過重，因為過熱的電線可以引起火災。

- 應確保電源插頭不會被電冰箱的背部壓到或損壞。
- 切勿過度彎曲電線或把重物放在上面。

- 這樣做可引起火災。

- 如電線有磨損或損壞，應立即由生產商或服務代理商維修或更換電線。
- 切勿使用中間或兩端已出現裂痕或磨損的電線。
- 若電線已受損，請要求生產商或服務代理商立即更換。
- 搬動電冰箱時要小心，切勿壓到或損壞電線。
- 手未乾透時切勿把電源插頭插入。
- 在清潔及維修前，請拔除電冰箱插頭。
- 清潔插頭時切勿使用濕布。
- 清除電源插頭上的任何異物或塵埃。

- 否則可能引起火災。

- 拔除電冰箱的插頭後應等待最少十分鐘才再插回插頭。
- 若插座鬆動不穩定，切勿插入插頭。

- 這樣可能會引起觸電或火災。

- 放置本家電的地點必須能讓人在安裝後仍能操控電源。

- 安裝電冰箱時必須接駁地線。
  - 你安裝電冰箱時必須接駁地線，以防漏電或因電冰箱漏電造成觸電。

- 切勿使用氣體喉管、電話線或其他避雷針作為地線。
  - 地線使用不當可造成觸電。

- 切勿自行拆開或維修電冰箱。

- 這樣做可能引起火災、故障及/或人身損傷。

- 若你聞到藥味或煙味，應立即拔除電源插頭，並聯絡三星家電服務中心。
- 保持本家電機身或安置架附近沒有任何雜物。
- 切勿使用生產商建議以外的機械裝置或任何其他方式來加速解凍過程。
- 切勿損壞機身電路。
- 除非獲生產商建議，否則切勿在電冰箱/冷凍室內放置或使用任何家電。
- 切勿讓兒童或體弱人士自行操作本家電。
- 兒童應受監管，以確保他們不會玩弄本家電。
- 切勿讓兒童吊在電冰箱門上，這樣做可能會造成嚴重損傷。
- 手濕時切勿接觸冷凍室內壁或儲存在冷凍室內的物品。

- 這樣做可能會造成凍傷。

- 若長時間不使用電冰箱，請拔除電源插頭。

- 老化的絕緣體可引起火災。

- 切勿在本家電頂部擺放任何物品。

- 在開關電冰箱門時，放在上面的物品可能會掉下，導致人身損傷及/或物品損壞。

要注意的符號

注意

- 本產品只宜在家用環境中儲存食物。
- 應遵從生產商建議的食物儲存時間。
  請參閱相關指示
- 所有瓶子應緊密地放在一起，以免它們跌下。
- 切勿把含二氧化碳或有氣飲料放在冷凍室內。
- 切勿把瓶子或玻璃容器放在冷凍室內。

- 裡面的東西結冰時，玻璃可能會爆裂，並導致人身損傷。

- 切勿在電冰箱附近噴灑易燃氣體。

- 這樣做可能會引起爆炸或火災。

- 切勿直接在電冰箱內外噴水。

- 這樣做可能會引起火災或觸電。

- 切勿在電冰箱內儲存揮發性或易燃物品。

- 存放苯、稀釋劑、酒精、乙醚、液化石油氣及其他類似物品都可能引起爆炸。

- 若你要度長假，你必須移除電冰箱內的所有物品，並關上電冰箱電源。

- 切勿在電冰箱裡儲存藥物、科學物料或對溫度敏感的產品。
- 需嚴格控制溫度的產品不應放在電冰箱中。
- 切勿把盛滿水的容器放在電冰箱裡。
- 若打翻容器，可能會引起火災或觸電。

清潔時須注意的符號

- 切勿把手指或其他物體插入出冰或出水孔通道。
- 這樣做可能會導致人身損傷或物品損壞。
- 清潔插頭時切勿使用濕布，清除電源插頭腳上異物或塵埃。
- 否則可能會引起火災。
- 拔除電冰箱的插頭後應等待最少十分鐘才再插回插頭。

棄置時使用的警告符號

- 棄置本電冰箱或其他電冰箱時，請拆除門/門邊封條及門閂，以免兒童或動物被困在內。
- 請把層架留在原處，以免兒童輕易爬入。
- R600a或R134a的用途是電冰箱雪種。請查閱本家電後方的壓縮機標簽或冷藏室內的等級標簽，了解電冰箱所使用的雪種。如本產品內含易燃氣體（雪種R600a）時，請聯絡你當地的管理機構，了解如何安全地棄置本產品。
- 保麗龍是電冰箱中的發泡絕緣氣體，要求特別的棄置程序。請聯絡你當地的管理機構，以對環境安全的方式棄置本產品。請確保本家電背部的喉管在棄置前完全無損。喉管應在空曠的地方拆除。

注意 停電時請通知你當地的電力公司辦事處，並查詢停電將持續多久。

如停電一兩個小時，電冰箱的溫度將不受影響。
但在停電期間內應減少開關電冰箱門的次數。
若停電時間超過24小時，請取出所有急凍食品。
如櫃門或外蓋配備鎖及鎖匙，請把鎖匙放在兒童拿不到的地方，也不要放在電冰箱附近，以免兒童被鎖在裡面。

其他正確的其他秘訣


- 安裝本家電後應讓它靜待兩小時。

- 如要發揮產品的最佳效能：
- 切勿把食物放在本家電後方的通風口前，這樣做會阻礙冷凍室的通風。
- 把食物放在電冰箱的冷凍室前，請先妥善包好食物或放在密封容器內。
- 切勿把要急凍的新鮮食物放在已經急凍許久的食物旁邊。
- 切勿把含二氧化碳或有氣泡的飲料放在冷凍室裡。
- 請遵從食物的最高儲存次數及急凍食物的有效日期。
- 若你不使用電冰箱的時間在三個星期以下，則無需拔除電冰箱電源，但若你不使用電冰箱的時間達到三個星期或以上，請取出所有食物、拔除電冰箱插頭，並清潔及抹乾內部。
- 如停電一兩個小時，電冰箱的溫度將不受影響。但在停電期間內應減少開關電冰箱門的次數。若停電時間超過24小時，請取出所有在冷凍室裡的食品。
- 如電冰箱配備鎖及鎖匙，請把鎖匙放在兒童拿不到的地方，也不要放在電冰箱附近。
- 若把本家電長時間放在設計電冰箱時預設的最低溫度範圍內，可能無法正常操作（冷凍室裡的物品可能會解凍或溫度過高）。
- 請勿儲藏在低溫狀況下會變質的食物如香蕉或瓜類。
- 請把冰格放在生產商預設的位置，以達到最佳的製冰效果。
- 這是無霜電冰箱，因此你無需自行除霜，它會自動操作。
- 除霜時的溫度上升能符合ISO的要求，但若你要避免除霜時急凍食物的溫度異常上升，請先用多張紙張（如報紙）包裹急凍食物。
- 除霜時急凍食物的溫度一旦上升，將會縮短食物的儲存期限。

目錄

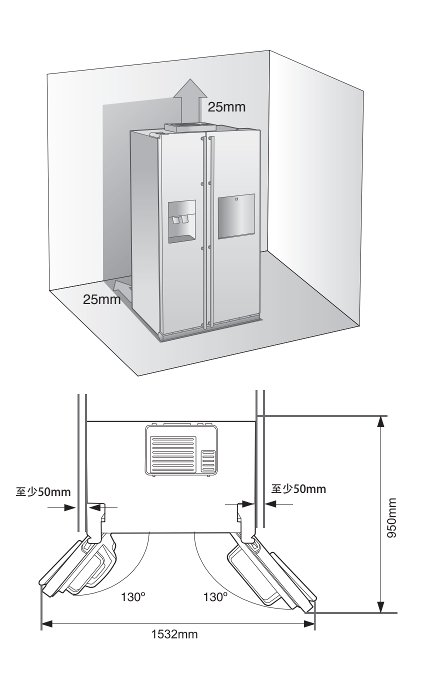
安裝對門式電冰箱

準備安裝電冰箱

恭喜你購買三星對門式電冰箱。我們希望你喜歡這部新家電所帶給你的多項新功能及效能。

選擇擺放電冰箱的最佳地點

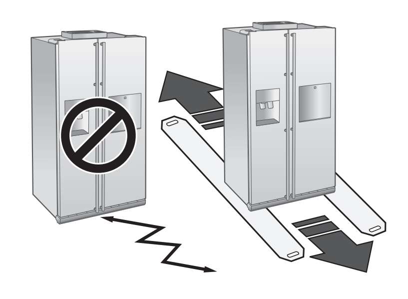
- 選擇容易取得水源的地點。
- 選擇不會直接曬到太陽的地點。
- 選擇平坦（或近乎平坦）的地面。
- 選擇附近空間足以輕易開啟電冰箱門的地點。
- 使用時需要整體空曠的地方。請參閱下圖及尺寸。
- 請確保在需要維護及維修時，能自由移動本設備。



- 安裝電冰箱時前後左右及後面均須預留空間，這樣做可節省耗電及減低你的電費。
- 切勿把電冰箱放在安裝溫度低於50°F(10°C)的地方。
- 拆除冷凍室門前，應確保供水管已中斷。
  請參閱下節「中斷供水管」的內容，以免損壞。

注意

安裝、維修或清潔電冰箱的背面時，請確保將組件直向拉出，完成後把它直向放回。

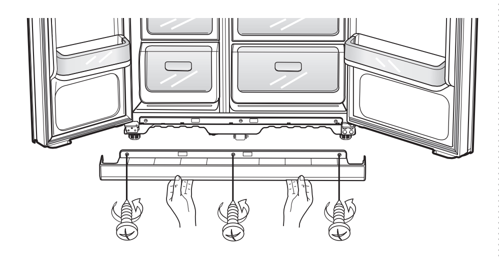


拆除電冰箱門

若電冰箱無法輕易地搬進你的家門，你可以拆除電冰箱門。

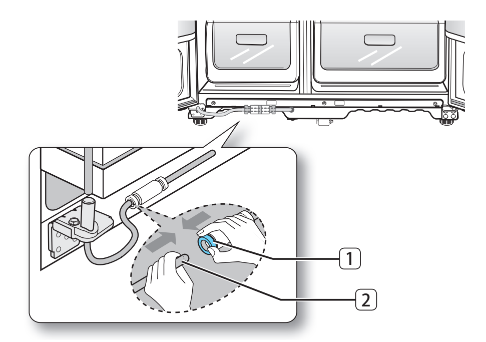
1. 拆除前腳外蓋

首先拉開冷凍室門及電冰箱門，然後以逆時針方向轉動三顆螺絲，拆除前腳外蓋。



中斷電冰箱的供水管

1. 按住連接器 1，拉開並中斷供水管 2。



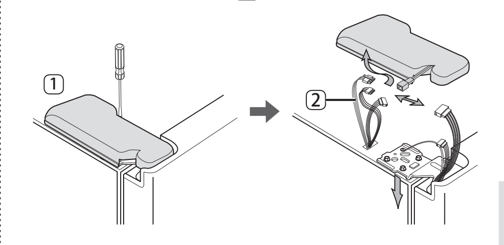
切勿割斷供水管。輕力地把它從連接器拔除即可。

2. 拆除冷凍室門

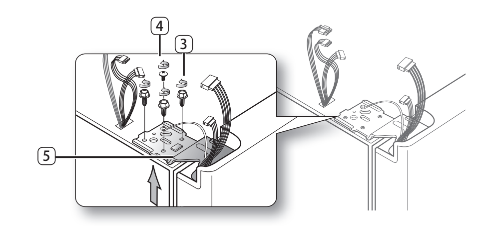
以下是應先提出的注意事項。

- 提起冷凍室門時要確保門鉸保持垂直，不會彎曲或折斷。
- 小心不要夾住電冰箱門上的水管和電線外套。
- 把電冰箱門放在保護充足的表面上，以免留下刮痕或損壞。

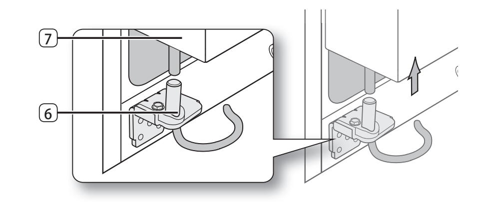
1. 關上冷凍室門，以螺絲起子拆除上門鉸外蓋 1，然後把兩端電線拉開 2。



2. 以逆時針方向旋轉，拆除門鉸螺絲 3 及地腳螺絲 4，並拆除上門鉸 5。 當你拆除電冰箱門時，小心不要讓門掉下來。

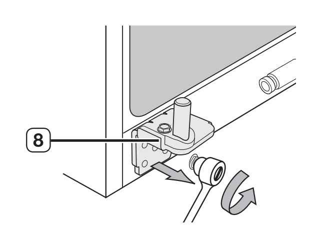


3. 接著，小心地垂直舉起冰箱門，從下門鉸 6 開始拆除冰箱門 7。



小心不要夾住電冰箱門上的水管和電線外套。

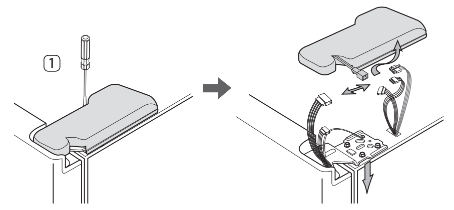
4. 以六角扳手拆除下門鉸 8。



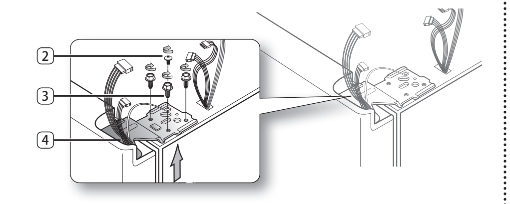
01 安裝

拆除冷藏室門

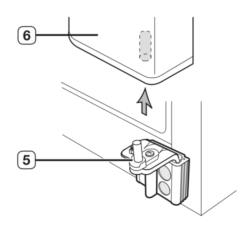
1. 關上門，以螺絲批拆除上門鉸外蓋 1。



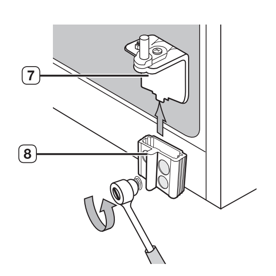
2. 以逆時針方向旋轉，拆除門鉸螺絲 2 及地腳螺絲 3，並拆除上門鉸 4。當你拆除電冰箱門時，小心不要讓門掉下來。



3. 小心地垂直舉起冰箱門 6，從下門鉸 5 開始拆除冰箱門。



4. 輕力地向上提下門鉸，從托架 8 開始拆除下門鉸 7。

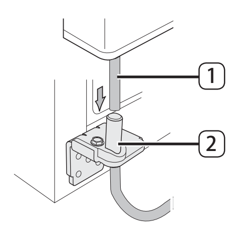


重新安裝電冰箱門

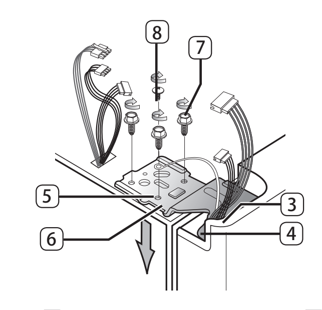
當你在預先安排的地點安全地放好電冰箱後，即可重新安裝電冰箱。

重新安裝冷凍室門

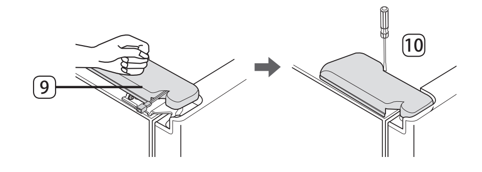
1. 將供水管 1 插入冰箱門下方的角落，然後再穿過下門鉸的小孔中 2，
   以安裝冷凍室門。輕力地向下拉出，使它保持直流，不要打結或彎曲。



2. 把上門鉸的軸 3 插入冷凍室門角落的小孔中 4。確保上門鉸的小孔 5 及冰箱上的小孔 6 之間的門鉸保持水平，並以順時針方向上回門鉸螺絲 7 與地腳螺絲 8。
   重新連接電線。



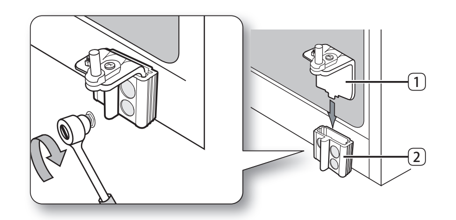
3. 上門鉸蓋 9 的前半部分應放在上門鉸 10 的前方，並重新上螺絲。



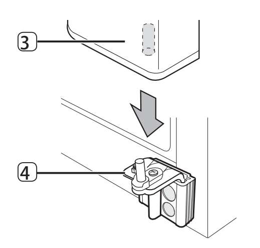
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重新安裝冷藏室的門

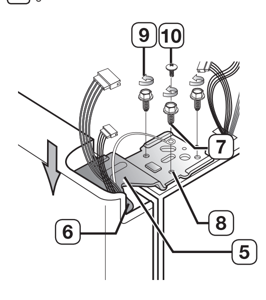
1. 把下門鉸 1 再次插入下門鉸的托架 2。



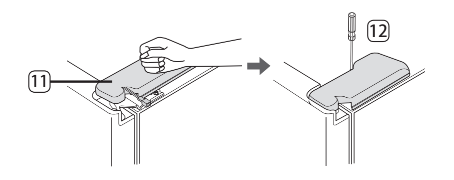
2. 確保冷藏室門 3 角落中的小孔對準下門鉸 4.



3. 把上門鉸的軸 5 插入門鉸的小孔中 6。確保上門鉸的小孔 7 及冰箱上的小孔 8 之間的門鉸保持水平，並以順時針方向上回門鉸螺絲 9 及地腳螺絲 10。

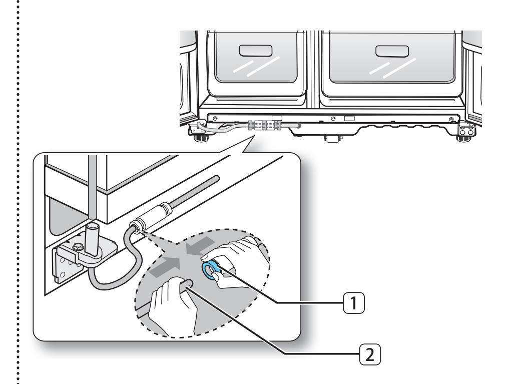


4. 上門鉸蓋的前半部分 11 應放在上門鉸口 12 的前方，然後上回螺絲。

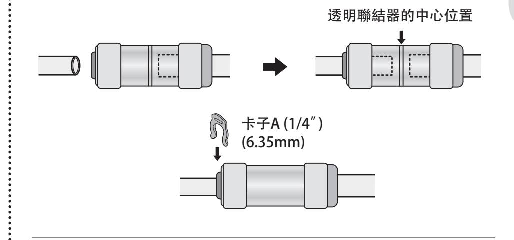


接回供水管

1. 把供水管 2 插入連接器 1。



2. 水管必須完全插入透明聯結器的中心位置，以防從飲水機漏水。
3. 將卡子插到安裝接頭處，並檢查卡子是否牢固地卡住水管。



重新安裝前腳外蓋

在安裝外蓋前，請檢查連接器有沒有漏水。以順時針方向上回三顆螺絲，重新安裝前腳外蓋，如圖示。

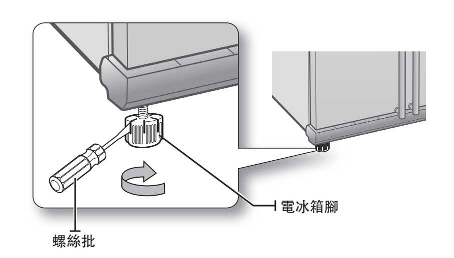
維持電冰箱水平

現在電冰箱門已經重新裝上，你要確保電冰箱保持水平，才可作出最後的調節。如電冰箱未能保持水平，電冰箱門就不可能完全一樣高。

 電冰箱前端的腳也是可以調校的。

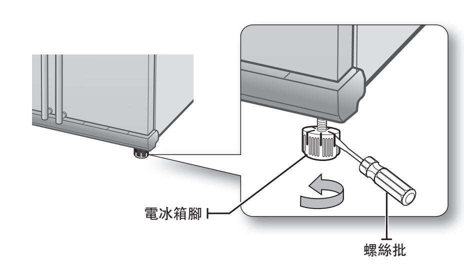
當冷凍室的門低過冷藏室的門

把一字螺絲批放入電冰箱腳上的凹槽，以順時針或逆時針方向轉動，使冷凍室保持水平。以逆時針方向轉動三顆螺絲。



當冷凍室門高過冷藏室的門

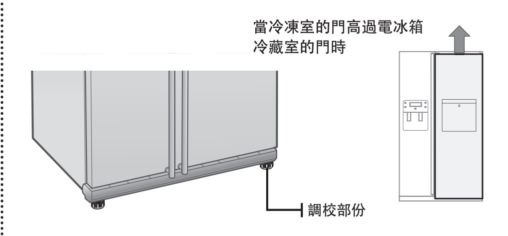
把一字螺絲批放入電冰箱腳上的凹槽，以順時針或逆時針方向轉動，使冷藏室保持水平。



請參閱下節，了解如何細微地調校電冰箱門的方法。

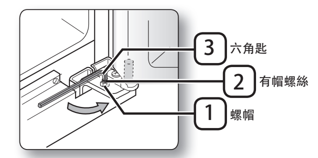
稍微調校電冰箱門

請緊記你必須保持電冰箱水平，才能確保電冰箱門完全一樣高。若你需要協助，請參閱前一節關於使電冰箱保持水平的方法。



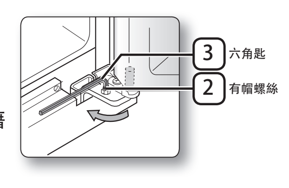
此時調校的方法是相同的。逐一打開每道門作出調校，方法如下：

1. 從下門鉸以螺絲批扭鬆螺帽 1，直至它碰到有帽螺絲的上端 2。



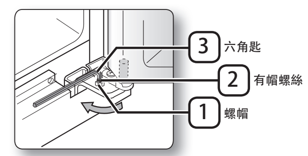
在你鬆開螺帽 1 時，必須使用隨附的六角扳手 3，以逆時針方向扭鬆有帽螺絲 2。然後你應能扭開螺帽 1。

2. 你可以順時針或逆時針方向轉動有帽螺絲 2，藉此調校門與門之間的不同高度。



當你以順時針方向轉動時，門會上升。

3. 調校好門的高度後，應以順時針方向轉動螺帽 1，直至它達到有帽螺絲的底部，然後以六角扳手 3 鎖緊有帽螺絲，以固定螺帽 1。



若你不鎖緊螺帽，有帽螺絲可能會鬆脫。

檢查供水管（可選購）

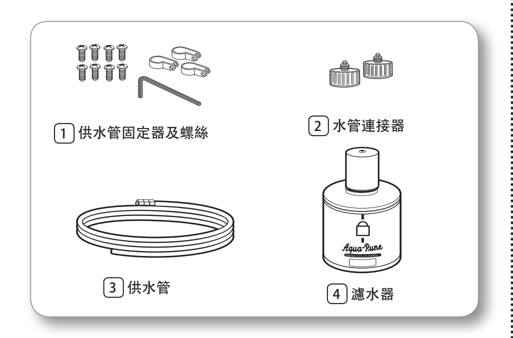
飲水機是你新買的三星電冰箱的多個好用功能之一。三星濾水器可以過濾水裡的多餘微粒，給你更健康的飲用水，這濾水器不會消毒或殺死微生物，你要購買淨水系統才能達到這個效果。為了讓製冰機正常操作，水壓要維持在138至862Kpa之間。在正常情況下，它可在十秒內盛滿一個170毫升的紙杯。如果安裝電冰箱的地區水壓很低（低於138Kpa），你可以安裝加壓器增加水壓。請確保電冰箱裡的水槽盛滿水，你只須按飲水機控制桿，直到水從出水口流出，就可以開始為電冰箱的水槽裝水。

本電冰箱隨附供水管安裝組合。你可以在冷凍室抽屜中找到。

安裝供水管

內置式型號

安裝供水管時需用的零件



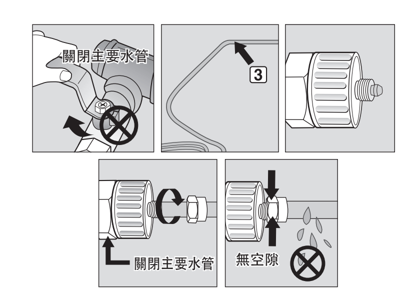
連接供水管

1. 首先關閉供水大掣。
2. 找出距離最近的可飲用冷水食水供水管。
3. 遵照安裝組合裡的供水管安裝指示。

注意

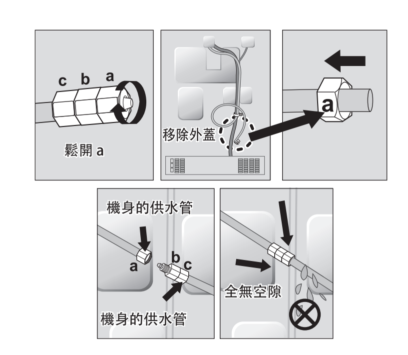
供水管必須連接到冷水管。若連接至熱水管，淨水器可能會故障。

4. 在連接水管及濾水器後，重新開你的主要供水大掣，讓它流出約一公升水，以清潔及盛滿濾水器。



把供水管連接到電冰箱

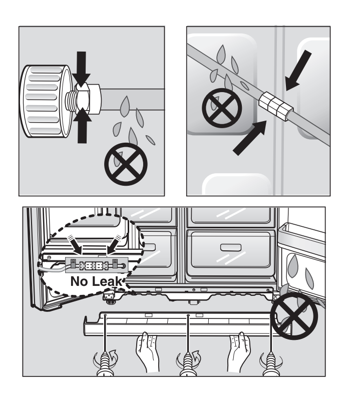
1. 除下裝置上供水管的外蓋，並在把機身水管從原有水管拆除後把壓縮螺帽插入機身水管。
2. 連接機身上的供水管及附在套裝中的供水管。
3. 把壓縮螺帽上緊至壓縮裝置，小心兩者之間不要有任何空隙。
4. 開水掣，檢查有沒有漏水。



只可把供水管連接至飲用水源。
若你要維修或拆開供水管，應切斷6.5毫米塑膠管，以確保連接緊密，不會漏水。

注意 使用前應檢查這些地方會不會漏水。

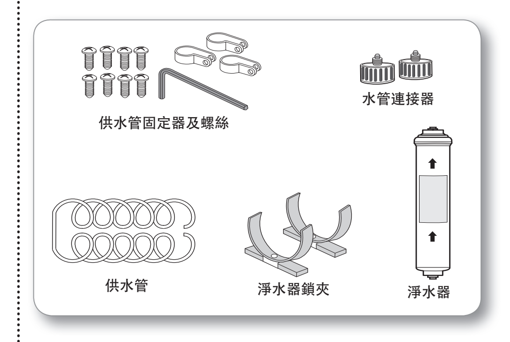
- 三星保固不包括水管線路安裝。
- 除非零售價已包括安裝費用，否則有關工序將由顧客自費負責。
- 如有需要，請聯絡水管工人或授權的安裝人員進行安裝。
- 若因安裝不當而漏水，請聯絡安裝人員。



安裝供水管

外接式型號

安裝供水管的零件



安裝供水管

以連接器連接水管及水龍頭。

1. 關閉主要的水龍頭。
2. 安裝連接器「A」至水龍頭。

注意

供水管必須連接到冷水管。若將之連接到熱水管，可能會導致淨水器故障。

保養資料

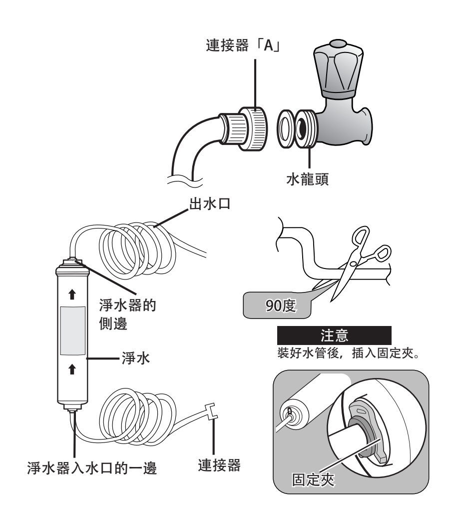
電冰箱或製冰器生產商的保養不包括供水管的安裝。請小心依照這些指示，以減低繳付高昂水費的機會。

注意：

若連接器不能與你所使用的水龍頭吻合，請到鄰近的授權服務經銷商，購買正確的連接器配件。

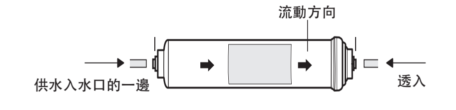
選擇要安裝淨水器的地點。（附有淨水器的型號）

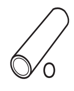
- 若你想在安裝淨水器時重新安裝淨水器的進水口及出水口兩邊，請參考圖示。
- 在量度淨水器與冷水的水龍頭之間的距離後，把附在淨水器上的供水管在適當位置剪下。

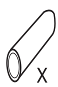


更換指示

1. 關閉供水。
2. 注意濾水器的水流方向。
3. 將供水管插入濾水器的入水口一邊，直到無法繼續插入為止。

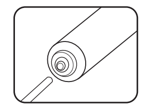


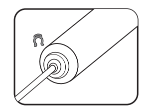


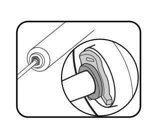


注意： 你必須同時確保裁切口垂直，沒有任何斜角，以免漏水。

4. 插入水管後應用力夾緊固定夾。固定夾會固定水管位置。



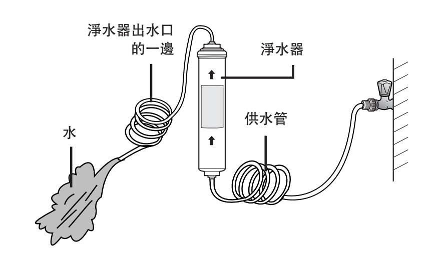




5. 開水掣，檢查有沒有漏水。如有漏水，請重複步驟1、2、3及4。若它仍然漏水，請停止使用，並聯絡經銷商。
6. 濾水器在使用前應先要沖洗五分鐘。

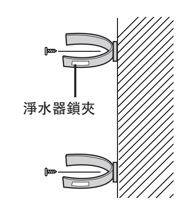
排走淨水器內的殘餘物質。（附淨水器的型號）

- 開主要供水大掣的水龍頭，檢查有沒有水流經淨水器在入水口一邊的水管。
- 如果水沒有從水管流出，檢查有沒有開水龍頭。
- 開啟水龍頭，直到淨水及生產期間的殘餘物質流出。



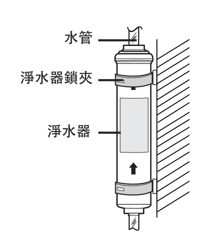
安裝淨水器鎖夾

- 將淨水器鎖夾固定在適當位置（如在洗碗水盆下），並用螺絲牢牢固定。



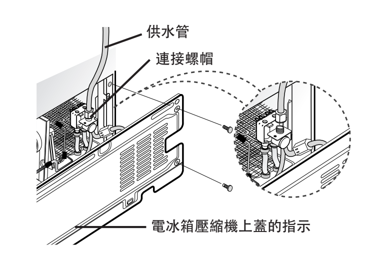
固定淨水器的位置。

- 如右圖，固定淨水器的位置。



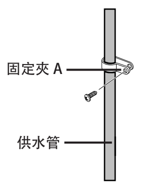
安裝供水管到電冰箱。

- 拆除電冰箱的壓縮機上蓋。
- 如圖示，把供水管連接至活門。
- 安裝好後，檢查有否漏水。如有漏水，請重新連接過程。
- 留新裝上電冰箱的壓縮機上蓋。



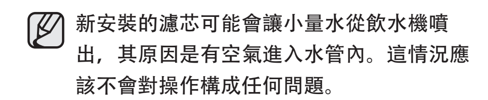
固定供水管。

- 以固定夾「A」固定供水管在牆上的位置（電冰箱背後）。
- 固定好供水管後，確保供水管沒有彎曲、被夾著或壓著。



安裝淨水器後應排出供水管中的殘餘物質。

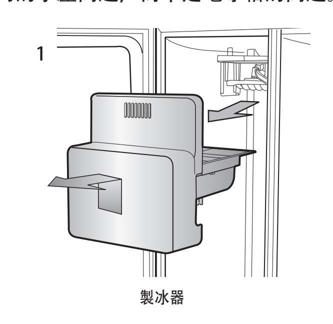
1. 開主要供水大掣，並關上供水管的活門。
2. 讓水流經飲水機，直至流出的是清水（約一公升），這樣做可以清潔供水系統，並排出水管內的空氣。
3. 在部分住宅內，可能需要額外沖洗多次。
4. 打開電冰箱門，確保濾水器沒有漏水。



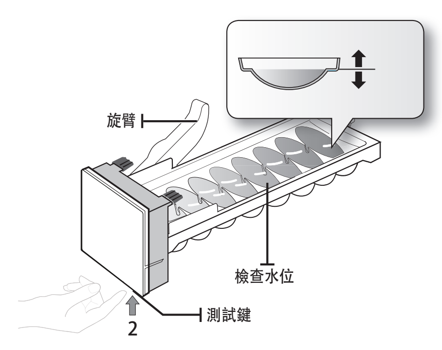
新安裝的濾芯可能會讓小量水從飲水機噴出，其原因是有空氣進入水管內。這情況應該不會對操作構成任何問題。

檢查冰盤 的供水量。

1. 向上提起製冰籃並輕輕從冰箱拉出。
2. 當你按測試鍵三秒時，製冰格會旋轉，冰塊容器將盛滿來自供水水龍頭的水。
   若水位過低，做出的冰塊會較小。這是基於主水管內的水壓問題，而不是電冰箱的問題。

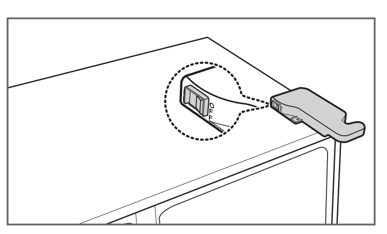


製冰器



使用抗水珠加熱器開關

當室內濕度過高時，飲料架及飲水機附近可能會凝結水珠。
開啟抗水珠加熱器開關以去除水珠，在水珠消失時關閉開關。

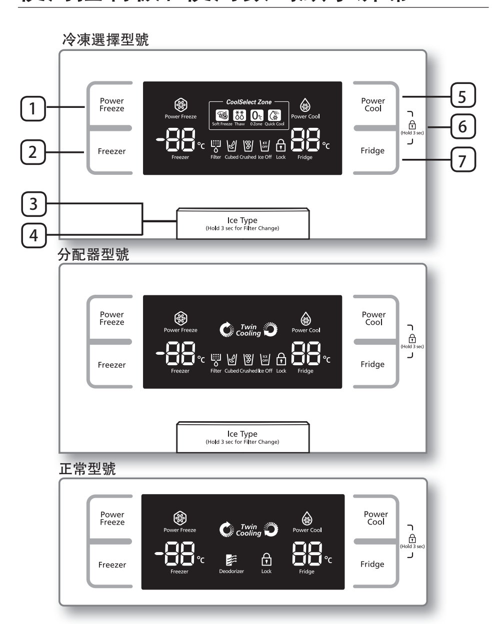


RS21/23H** (可選購)

操作三星對門式電冰箱

操作電冰箱

使用控制板 / 使用數碼顯示屏幕



不使用顯示屏的時候會自動關閉，是正常現象。

1 快速急凍鍵	它能加快在冷凍室內急凍產品的速度。當你要急凍易腐壞的食物，或是冷凍室的溫度大幅上升時（如冷凍室的門沒有關），這個功能可以很有用。
2 急凍鍵	按「急凍鍵」設定你想要冷凍室溫度，你可以設定在-14℃（8°F）至-25℃（-14°F）之間的溫度。
3 冰塊類型鍵	以這個鍵選擇Cubed（冰塊）、Crushed（碎冰），或是關閉製冰功能。
4 更換濾水器鍵	你在更換濾水器時，應按這個鍵三秒，以重設濾水器的時間。

5 快速冷凍鍵	按這個鍵可快速地讓電冰箱回到原本設定的溫度。再按這個鍵則可取消快速冷藏模式。
6 兒童鎖功能	同時按快速冷凍鍵及冷藏鍵三秒，即可鎖上所有鍵，飲水機控制桿及冰塊控制桿也無法操作。如同時按這兩個鍵三秒，即可取消這個功能。
7 冷凍鍵	按冷藏鍵即可設定你理想的冷藏室溫度。你可以設定在1℃至7℃（34°F至45°F）之間的溫度。

如果您使用Power Freeze (快速冷凍) 功能，冰箱能耗將增加。

請記住，當不需要此功能時關閉它，並將冷凍室溫度返回到原來的溫度設定。

如果您需要冷凍大量的食物，則至少要在24小時之前啟動快速冷凍功能。

控制溫度

控制冷凍室的溫度

你可以設定冷凍室溫度在-14℃（8°F）至-25℃（-14°F）之間，以符合你的特別需要。重複按「冷凍室」鍵，直到溫度顯示屏幕顯示你想要的溫度。請緊記雪糕等食物在-16℃（4°F）時可能會融化。

顯示的溫度數字會在-14℃（8°F）至-25℃（-14°F）之間加減。當顯示屏幕上的讀數達到 -14℃（8°F）時，它會在-25℃（-14°F）重新開始。

在新溫度設定五秒後，顯示屏幕會再次顯示當時冷凍室的正確溫度，不過當冷凍室調校至新的溫度時，這個數字將會更改。

控制冷藏室的溫度

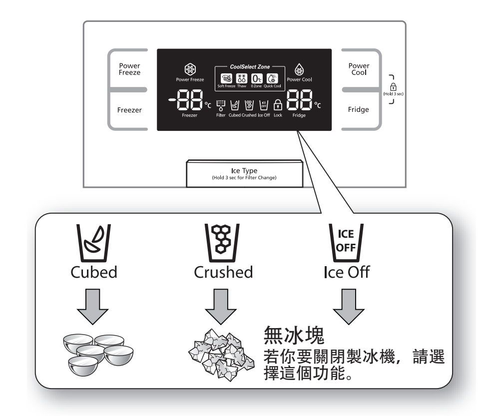
你可以把冷藏室的溫度設定在7℃ （46°F）至1℃（34°F）之間，以符合你的特別需要。重複按冷凍鍵，直到溫度顯示屏幕顯示你想要的溫度。冷藏室的溫度控制程序及冷凍室的溫度控制程序相同。按冷藏鍵來設定你想要的溫度。數秒後，冷藏室就會開始追上新設定的溫度，並顯示在數碼顯示屏幕上。



若你經常開關冷凍室或電冰箱門，或把大量溫熱食物放進任何一格，裡面的溫度可能會上升。這樣做會導致數碼顯示屏幕閃動。當冷凍室及冷藏室的溫度降至正常水平，顯示屏幕就會停止閃動。如果它仍繼續閃動，你或許需要「重設」電冰箱。可嘗試拔除本家電的插頭，等待十分鐘後再插回插頭。

使用冰塊及冷水飲水機

按冰塊類型鍵，選擇你要的冰塊類型





電冰箱製作的冰是冰塊。當你選擇「Crushed」（碎冰）時，製冰機會磨碎冰塊為碎冰。

取出冰塊

把玻璃杯放在冰塊出口下方，用杯子輕力地向冰控制桿推前。請確保杯子對準出冰口，以免冰塊彈出。

使用飲水機

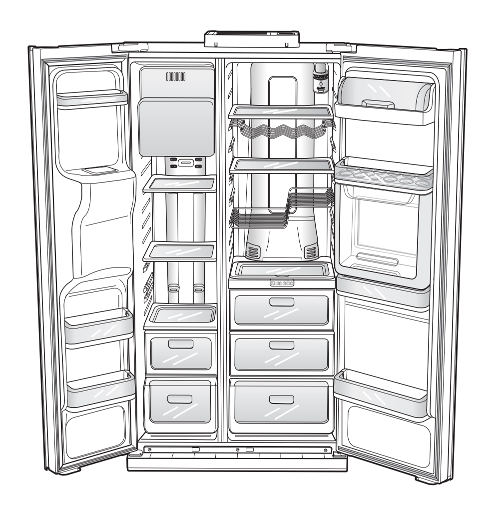
把玻璃杯放在出水口下方，用杯子輕力地向出水控制桿推前。請確保杯子對準出水口，以免水濺出。


警告

- 切勿把你的手指、手或其他不適當的物體放在通道或製冰桶內。
- 這樣做可能會導致人身損傷或物品損壞。
- 切勿把手指或其他物體放在出水口/出冰口。
- 這樣做可能會導致損傷。
- 只可使用電冰箱附送的製冰器。
- 本電冰箱使用的水源必須只由合資格人員安裝/連接，並只可連接至飲用水源。
- 水壓必須保持在138 至862 Kpa之間，製冰器才能正常操作。

注意

- 若你要長時間出差或外遊而不使用製冰器或飲水機的兩個出口，請關閉水閥。
- 否則可能會漏水。
- 應把內部多餘的水抹掉，並打開電冰箱門。
- 否則可能會發臭及發霉。



為了獲得更多的空間，您可以移除頂部冷凍抽屜，因為它不影響熱特性和機械特性。冷凍室的標稱儲藏容量是根據取出此抽屜後計算而來的。

使用冷凍自選區™ 抽屜（可選購）

快速冷卻

- 您可以搭配冷凍自選區TM使用快速冷卻功能。
- 「快速冷卻」功能可在六十分鐘內冷卻1~3瓶罐裝飲料。
- 再次按下「快速冷卻」鈕，即可取消此功能。冷凍自選區TM會回到之前設定的溫度。
- 結束「快速冷卻」。會回到「Cool」的溫度設定值。

解凍

- 滴液流失（Drips loss）及肉類變質會降低食物的新鮮度。
- 在選擇「解凍」後，會將冷熱空氣交替送入冷凍自選區TM置物盒。
- 您可以按照肉品的重量，選擇4小時、6小時、10小時及12小時的解凍時間。
- 結束「解凍」時，冷凍自選區TM 顯示畫面會回到「Zero Zone」的情況。
- 結束「解凍」時，肉品裡即無肉汁，為半冷凍狀態，可輕鬆切割進行烹煮。
- 按下「解凍」鈕以外的任一鈕，即可取消此選項。
- 以下為魚肉的概略解凍時間。（以一吋厚度為準）

解凍時間	重量
4 小時	363g (0.8lb)
6 小時	590g (1.3lb)
10 小時	771g (1.7lb)
12 小時	1000g (2.2lb)

不同大小及厚度的魚肉，需要不同的解凍時間。
上述重量為在冷凍自選區TM置物盒裡的食品總重量。
例) 400g冷凍牛肉及600g冷凍雞肉共需10小時的解凍時間。


警告

使用「解凍」選項，食物即無需在冷凍自選區TM裡進行解凍。應取出置物盒。

Soft Freeze

- 使用「Soft Freeze」功能時，無論您設定冰箱的溫度為幾度，數位面板上的溫度均為-5℃。
- 「Soft-Freeze」的溫度可延長魚肉的保鮮時間。
- 可輕鬆切割肉品，不會滴水。

Zero Zone (0℃)

- 使用「Zero Zone」功能時，無論您設定冰箱的溫度為幾度，冷凍自選區TM置物盒的溫度均會維持在0℃。
- 「Zero Zone」的溫度可延長魚肉的保鮮時間。

Cool（冷卻）

- 使用「Cool（冷卻）」功能時，溫度會與您設定冰箱的溫度一致。數位面板上的溫度與顯示面板上的溫度一致。
- 冷凍自選區™置物盒可擴充冰箱的儲物空間。



冰箱裡的不同飲料，需要不同的冷卻時間。

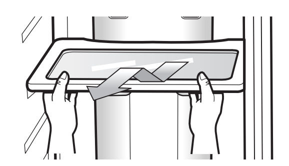
警告

使用「快速冷卻」功能時，應取出冷凍自選區™置物盒裡的食物。

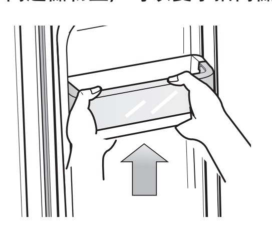
拆除冷凍室配件

清潔及重新安置冷凍室的內部實在易如反掌。

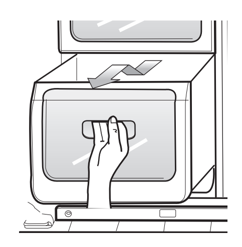
1. 把層架拉盡後可取出玻璃層架，然後輕力抬高並拆出層架。



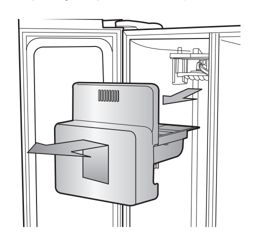
2. 如要拆除門邊儲物盒，可以雙手抬高儲物盒。



3. 如要拆除塑膠抽屜，可輕力拉出及抬高抽屜。



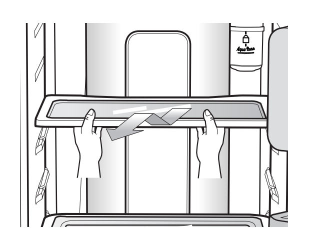
4. 如要拆除製冰桶，可輕力拉出及抬高抽屜。



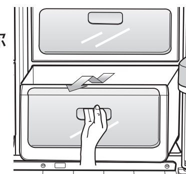
拆除外蓋時切勿太用力，否則外蓋可能裂並造成損傷。

拆除冷藏室配件

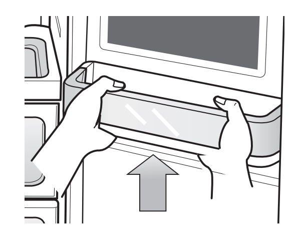
1. 如要拆除防滲漏層架，可輕力拉出並抬高層架。



2. 按Veggie Box（蔬果抽屜）/Dry Box（乾貨盒）外蓋左右內側的凹槽，然後直接拉出蔬果盒/ 乾貨盒。你可單手握住抽屜，在向前推出時稍為抬高，即可把它拉出冷藏室。

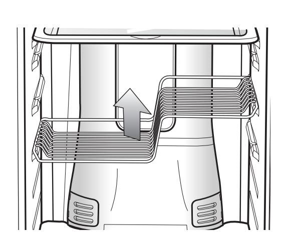


3. 雙手握住Gallon Door Bin（飲料門邊儲物盒），輕力抬高即可取出



4. Z形層架附在電冰箱機身上。
   把酒架向上推，然後輕力抬高，即可取出酒架。

注意 小心不要從上下左右顛倒安裝Z形層架。



拆除任何配件前，應先確保沒有食物在中途阻隔。可以的話，把食物一同取出，以減低發生意外的危險。

为了使本产品达到最佳能效，请按照第17页上的图示，将所有搁板、抽屉和篮筐放回原位。

清潔電冰箱

警告 切勿使用苯、稀釋劑或Clorox™漂白水進行清潔。
它們會損壞本家電的表面，也可能引起火災。

注意 當電冰箱接上電源時，切勿把水灑在上面，這樣做可能會造成觸電。切勿使用苯、稀釋劑或車用清潔劑來清潔電冰箱，以免引起火災。

更換內燈

如果要更換 LED 燈，請聯絡維修工程師，讓他們更換。

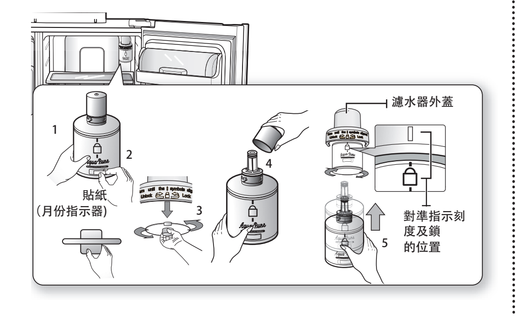
更換濾水器

⚠ 警告 為降低水份損壞本產品的風險，請勿在 SAMSUNG 電冰箱中使用其他品牌的濾水器。請僅使用 SAMSUNG 品牌濾水器。SAMSUNG 將不承擔任何損害的法律責任，包括但不限於因為使用其他品牌濾水器而導致漏水所造成的財產損失。SAMSUNG 電冰箱僅能搭配 SAMSUNG 濾水器使用。

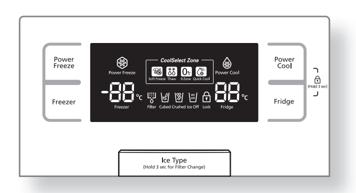
當「濾水器指示器」顯示燈亮著時，表示要更換濾水器濾芯。當過濾器指示器的燈轉至紅色，表示更換過濾器。指示燈會在當時使用的濾水器容量用完前須先亮著，讓你有時間購買新的濾芯。準時更換濾水器可讓你從冷藏室飲用到最新鮮、最乾淨的水。



1. 從抽屜中取出濾水器，並圖示貼上月份指示貼紙。
2. 在濾水器上貼上一張註明六個月後的日期貼紙。例如你在三月份安裝濾水器，應在濾水器上貼寫有「九月」的貼紙，以提醒你在九月時必須更換。這樣你就知道更換濾水器的時間。一般濾水器的使用壽命約為六個月。
3. 接著，從逆時針方向轉動並拆除固定蓋。
4. 拆除新濾水器的保護蓋，然後拆除舊的濾水器。
5. 將新濾水器放在濾水器外蓋。
   慢慢地以順時針方向轉動濾水器90°，對準蓋子上的指示刻度，然後鎖緊濾水器。確保顯示刻度對準「鎖」的位置。請緊記不要鎖得太緊。



6. 完成這個程序後，按冰塊類型鍵三秒，以重設濾水器的時間表。
7. 最後，以飲水機排走一公升的水。飲用前必須確保水流清徹乾淨。



新安裝的濾芯可能會讓小量水噴出飲水機，原因是有空氣進入了水管中。操作時應不會構成問題。

訂購替換濾水器

請聯絡授權的三星經銷商，以訂購濾水器的濾芯。

使用電冰箱門

電冰箱門的開關門有特別設計的功能，可確保門完全關上及安全密封。

如開門的幅度達到某一點，電冰箱門會「卡住」，並保持開啟。若電冰箱門未達到卡住的一點，門會自動關上。

解決問題

問題	解決方法
電冰箱不能正常操作或不能有效地冷卻食物。	• 檢查電源插頭已妥善插好。 • 顯示屏幕上的溫度控制是否設定至正確的溫度？嘗試把溫度定得低一點。 • 太陽是否曬到電冰箱或太接近熱來源？ • 電冰箱的背部是否太接近牆壁，以致空氣不能流通？
冷藏室裡的食物被急凍。	• 顯示屏幕上的溫度控制是否設定至正確的溫度？嘗試把溫度定得高一點。 • 室溫是否太低？ • 你是否在電冰箱最冷的地方儲存水分豐富的食物？嘗試把這些食物放在電冰箱中央，而不要儲存在冷凍自選區™ 抽屜中。
你聽到奇怪的聲響。	• 檢查電冰箱是否保持水平。 • 電冰箱的背部是否太接近牆壁，以致空氣不能流通？ • 是否有東西掉在電冰箱後面或下面？ • 你聽到電冰箱裡有「滴答聲」。這是正常的，因為電冰箱內部的溫度使各種配件收縮或膨脹。
本家電的前角落及側邊發熱，還有水凝結。	• 在電冰箱前面的角落因塗有防止凝結的抗凝劑，因此發熱是正常的。 • 電冰箱門有否打開？長時間打開電冰箱門可使水凝結。
冰塊不能放出。	• 安裝好供水管後，你有否在製冰前要等十二個小時？ • 供水管是否經已安裝，而止水閥已打開？ • 你有否手動關閉製冰功能？應確保冰塊類型設定為Cubed（冰塊）或Crushed（碎冰）。 • 有否冰塊被卡在冰塊儲存盒中？ • 冷凍室的溫度是否太高？嘗試把溫度定得低一點。
你聽到電冰箱裡有冒泡聲。	• 這是正常的。泡沫聲來自雪種液體在電冰箱裡循環。
電冰箱裡有惡臭。	• 有否食物腐壞？ • 確保有強烈異味的食物（如魚肉）在儲存前先好好密封。 • 應定期移除電冰箱內的所有物品，並丟掉所有腐壞或可疑的食物。
冷凍室的內壁結霜。	• 通風口是否不暢通？請移除任何阻塞物品，使空氣流通。 • 各種食物之間要有充足的空間，以便空氣流通。 • 冷凍室的門是否閉緊？
飲水機不能操作。	• 供水管是否經已安裝，而止水閥已打開？ • 供水管有否被擠壓或打結？確保水管暢通，沒有任何物品阻塞。 • 電冰箱溫度是否過低，以致水缸結冰？可嘗試在主要顯示屏幕選擇較高溫度。

備註

備註

周圍室溫限制

本冰箱設計為在標牌上標記的溫度等級所指定的環境溫度下使用。

等級	符號	環境溫度範圍 (℃)
亞溫帶	SN	+10 至+32
溫度	N	+16 至+32
亞熱帶	ST	+16 至+38
熱帶	T	+16 至+43



冰箱的內部溫度受冰箱所在位置、環境溫度和打開冰箱門的頻率等因素的影響。根據對這些因素的補償調節所需的溫度。



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